

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



Simmers' "Toronto Parks" LAWN GRASS SEED

Is the Best for our Canadian Climate

With it you can make

**LAWNS, GRASS PLOTS, CRICKET
GROUNDS, TENNIS COURTS, ETC.**

As soft as velvet and as green as emerald all summer long

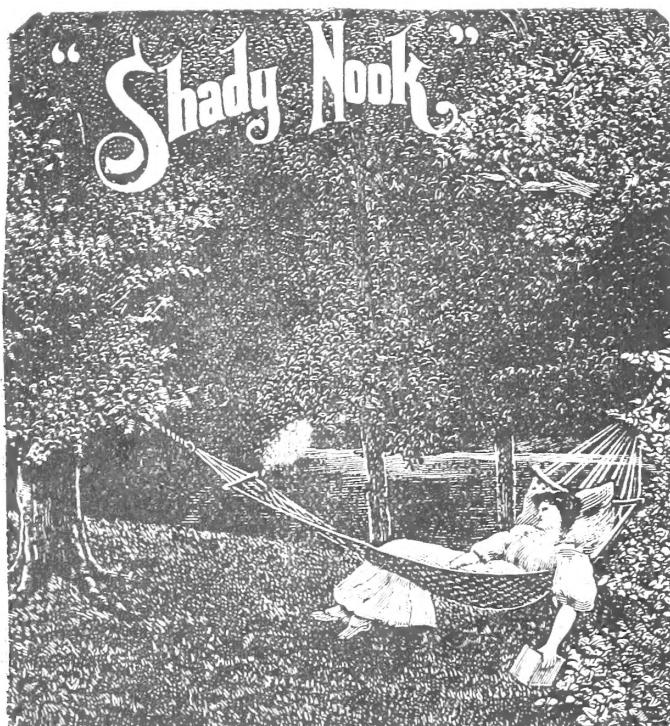
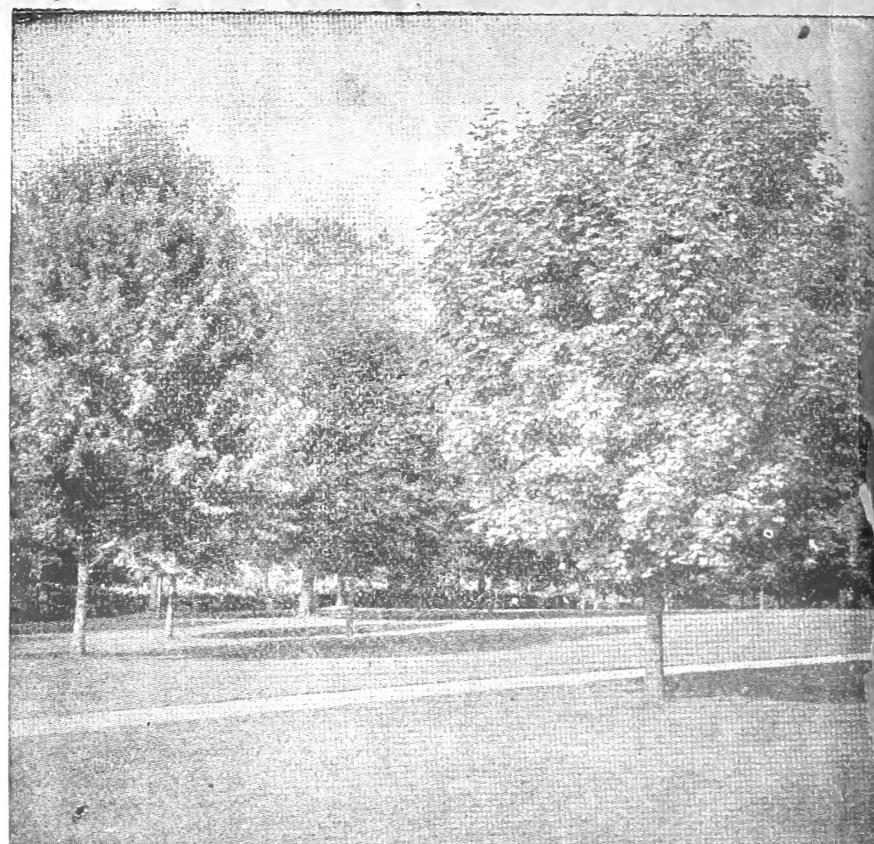
PRICE 25c PER LB, POSTPAID 30c PER LB

Simmers' "Toronto Parks" Grass Seed will form a close, thick turf in a few weeks' time, with no tendency to stool or grow in clumps. It roots deeply and withstands severe droughts without turning brown, maintaining its beautiful deep green color throughout the season. We have made the formation of permanent lawns a study for years, and the finest lawns in this country to-day were obtained by using our "Toronto Parks" Lawn Grass Seed, which is composed of various grasses that grow and flourish during different months of the year, so that a rich, deep green velvety lawn is constantly maintained, rivaling the famous lawns of Old England.

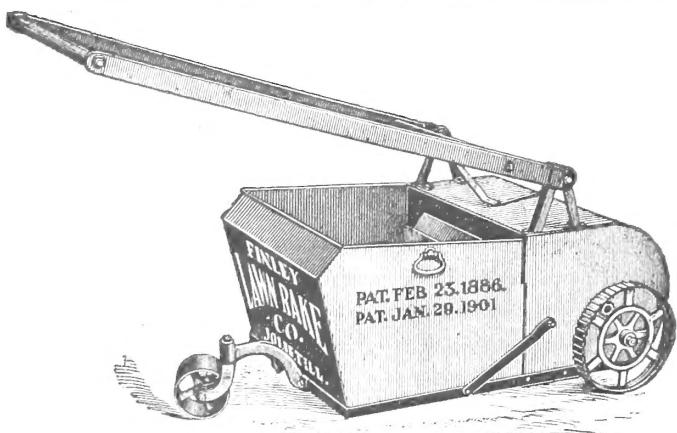
If people only knew how comparatively easy it is to make a lawn with our "Toronto Parks" Lawn Grass Seed, the days of using sod, with all the attendant expense, would soon be over.

The quantity required for making new lawns is 80 to 100 lbs per acre, or for renovating old lawns, 30 to 50 lbs. For a plot 15x20, or 300 square feet, 1 lb is required for new, or $\frac{1}{2}$ lb for renovating old lawns. We furnish it in large or small quantities to suit the pretentious lawn or the modest dooryard plot.

A beautiful lawn, with its close, velvety turf, is a most essential feature in the adornment of all suburban homes—without it the finest flowering plants and bedding seem insignificant, while with it, handsome grounds are assured, even with no other adornment.



"Shady Nook" Mixture—Per lb 35c, postpaid 40c.



The
Finley
Rotary
Lawn
Rake

A new device for cleaning a lawn, is intended to follow the lawn mower. Gathers up all the short and long clippings, as well as loose litter of any character, such as twigs, leaves, straw, bits of paper, string, small stones and any such matter as is offensive to the eye. It can be easily adjusted so as to straighten up crab grass or weeds so that they may be clipped off by the lawn mower on a second trip, and thereby prevent their seeding. In the fall of the year it is unequalled for gathering the autumn leaves and other litter of the season. It can be easily adjusted to perform any kind of work through the whole season. It is well and substantially built of steel and cast iron; with fair care ought to last many years. Two-thirds or more of the time required to do the same work by hand can be saved.

Price, 20-inch rake, \$15.00; 14-inch rake, \$13.00.

TORONTO PARKS MIXTURE, Finest Quality (with or without White Clover)—Per lb 25c, postpaid 30c; 5 lbs \$1.15, 10 lbs \$2.20, 25 lbs \$5.25, 50 lbs \$10.00, 100 lbs \$20.00.

White Dutch Clover, for mixing with Lawn Grass Seed—Per lb 30c.

"SHADY NOOK" MIXTURE—For sowing under trees and in shaded places. It will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 40 lbs per acre. Per lb 35c, postpaid 40c.

BLUE GRASS, Extra Clean—Per lb 15c, 10 lbs \$1.40.

RED TOP, Extra Clean—Per lb 15c, 5 lbs 70c, 10 lbs \$1.40.

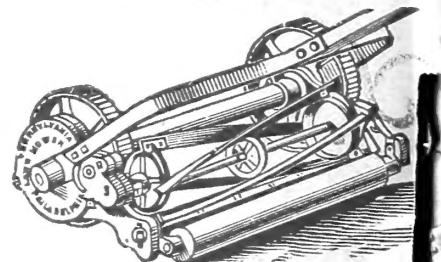
Simmers' Lawn Dressing or Lawn Enricher—This Dressing is so prepared that it acts gradually through the season, producing a luxuriant growth of grass without weeds, which are always produced when manure is used. 5 lbs, sufficient for 75 square yards, 50c; 10 lbs, sufficient for 120 square yards, 75c; 25 lbs, sufficient for 400 square yards, \$1.50; 100 lbs, sufficient for 1,600 square yards, \$5.00.

The Pennsylvania Hand Lawn Mowers

The Latest Improved, Easiest Running and Handsomest Mowers Made. Circulars on Application.

In buying the **Pennsylvania** you have satisfaction in knowing you have a Lawn Mower that will do double the work each season with less repair, and have a Lawn Mower for future use when others are consigned to the old iron pile.

Each machine is warranted to work as represented.



Prices of the Pennsylvania Lawn Mower:

10 inch, 8 inch wheel.....	\$8 50	16 inch, 8 inch wheel.....	\$11 50
12 " " "	9 00	18 " "	13 00
14 " " "	10 00		

The Pennsylvania High Wheel Lawn Mowers

15 inch, 10 $\frac{1}{2}$ inch wheel.....	\$14 00	19 inch, 10 $\frac{1}{2}$ inch wheel.....	\$18 00
17 " " "	16 00	21 " "	21 00

The 30-inch Pennsylvania Horse Lawn Mower—Four blades (open cylinder)—Width of cut, 30 inches. Weight complete, 396 pounds.

Horse Mower, Open Cylinder, with handles and Draft Iron..... \$100 00
Extra for Shafts, Seat, Spring and Foot Board..... 20 00

Braun Grass Catcher—Adjustable to Pennsylvania Mowers on For 14, 15, 16, 17, 18 inch mowers, each \$2.50. When ordering, mention size of mower.

CANADIAN LAWN MOWERS

10 $\frac{1}{2}$ inch High Wheel (four blades)—12 inch, \$4.25; 14 inch, \$4.50; 16 inch, \$5.00; 18 inch, \$5.25; 20 inch, \$6.00.

9 inch Open Wheel (three blades)—12 inch, \$2.80; 14 inch, \$3.00; 16 inch, \$3.25.

Grass Catchers—For High Wheel Mowers, 12 and 14 inch, each \$1.75; 16 and 18 inch, each \$2.25.

CONTINENTAL LAWN MOWERS (Circulars on Application)

It is the lightest running, swiftest cutting and almost noiseless. We have no hesitation in recommending this machine.

Price—14 inch, \$10.00; 16 inch, \$11.00; 18 inch, \$12.00. Special machine for high grass—15 inch, \$13.00; 17 inch, \$15.00; 19 inch, \$17.00.

CHAMPION LAWN MOWER SHARPENER

Price, each \$1.00. Circular on Application.

SPECIAL.. . TO CASH BUYERS PREMIUMS .. 1902 ..

On Orders from this Catalogue, Purchasers may select Premiums as follows:

25c. Worth of Seeds EXTRA will be allowed on each order amounting to One Dollar for Seeds in packets and ounces only. The purchaser when remitting cash with order can select worth of packets and ounces extra for each dollar's worth of packets and ounces (except Cauliflower) ordered at retail catalogue es. Thus anyone sending **\$1.00** can select any Seeds in packets or ounces to the value of **\$1.25**.

These discounts apply ONLY to orders of One Dollar, or more, for Seeds in packets and ounces. We fill an order for twenty-five ts as carefully as one of twenty-five dollars. But we cannot afford to allow these liberal discounts UNLESS the Seeds in packets and ces amounts to one dollar or more.  It should be understood plainly that these discounts do not apply to Seeds by the *quarter*, *half*, *pound*, *pint* or *quart*, nor to **BULBS** or **PLANTS** upon which the prices are **NET**. Please do not ask us to include *any of these* in this of discounts or to send such as "premiums." We fill all orders liberally, but there is a point beyond which we cannot afford to go.

Or "**HINTS ON GROWING FLOWERS**"

32-page Book. New, with every order amounting to **50c.** or over.

Or "**OUR FARM OF FOUR ACRES and THE MONEY WE MADE BY IT**"

With every order amounting to **\$2.00** or over.

Or "**AN ENGLISH GARDEN TROWEL**"

With every **\$2.00** order of Seeds we will give one strong English arden Trowel, the most useful tool the amateur gardener can have.

Or "**A HAZELTINE HAND WEEDER**"

With every **\$2.00** order f Seeds will be given one Hazeltine Hand Weeder, made of the best solid steel, good size and durable.

When any one of these premiums is wanted it must be stated on the order. This should be an inducement for you to try and get your neighbors to club with you,

NOTE—The above premiums apply to **CASH ORDERS ONLY**, and at **Retail Catalogue Prices**.

6—Or SIMMERS' VEGETABLE and FLOWER GARDEN

When asked for, free with every order for Vegetable or Flower Seeds amounting to **\$1.00** or more.

7—Or "DAIRYING FOR PROFIT" Price **25c.**

Given Free with every order of Carrot, Mangel and Turnip of **\$1.00** and upwards.

8—Or "HOW TO GROW MUSHROOMS" Price **10c.**

Free with every order for two bricks of Mushroom Spawn.

9—Or our Book "FLOWER BULBS and their Culture"

Contains full information how to be successful in the Flowering of Bulbs. Price **25c.** Or with orders from 50c. to \$1.00, selected from this Catalogue, we will send it for **15c.** Given Free with all orders for Bulbs amounting to \$1.00 and over.

WE PAY THE POSTAGE on all VEGETABLE SEEDS

the Packet, Ounce and Quarter-pound at Catalogue Prices. Also FLOWER SEEDS, BULBS, ROSES, VINES and PLANTS, except where noted. Add 4c. pint on BEANS, CORN, PEAS and FIELD SEEDS, if wanted by mail. VEGETABLE SEEDS by the peck or bushel, FARM SEEDS, TOOLS, etc., are F.O.B., Toronto, purchaser to pay transportation charges.

COMMON SENSE ABOUT SEEDS

WARRANTIES.—Seeds of the best quality will often fail through improper treatment. Thus, a small seed may be sown so plly that the young plant cannot reach the surface. More failures result from disregard of the conditions necessary to germination n from inferiority of the seeds used. These conditions are: a proper temperature, sufficient moisture, and free access of air. Beses these, the soil must be in proper condition, and present no physical obstacle to the growth of the young plant. If heavy rains e compacted the surface of the soil, and the sun has baked it to a hard crust, it will be impossible, even if all other conditions are orable, for the seedling plants to force their way through it, and many perish from this cause alone. Seeds differ greatly as to the perature required for germination. Beets, Cress, Peas, etc., germinate rapidly at a temperature of 45°; but if Melons and other seeds hat family, bush or pole Beans, and other plants of subtropical origin, are sown under the same conditions, they will be apt to decay, r their prompt germination they require a heat of at least 60°. For this reason many seeds fail yearly from too early sowing. The d condition, proper moisture, is likely to be violated by an excess rather than by too small a proportion. The proper amount is which a well drain soil will naturally hold. Free access of air is all important, and this is interfered with by an excess of water e soil. In germination complex chemical changes take place in the seeds, in which the air performs an important part. A portion e seed is consumed, carbonic acid gas being given off in changing the starch and other constituents of the seed into nutriment to ward the growth of the germ or embryo plant, which depends upon the contents of the seed until it has formed roots below ground l leaves above, and is able to sustain itself. Besides these conditions affecting the germination of the seed, the young plants, after y have made their way to the surface, are liable to various accidents; a sudden current of very cold air, or a continuous drying wind, y check their growth, or destroy them altogether. In addition, there are numerous insects, both below and above ground, that may ack the plants, some of them being so small that they often destroy a crop before they are discovered. We may also mention the ll-known tendency of many vegetables to revert to their original types, notwithstanding the care of the seed-grower; the yellow- lded wax Beans becoming green, the yellow and white Celery becoming more or less green, dwarf Peas becoming running sorts, etc.

Please Introduce Our Catalogue Among Your Friends.

MAIL IT FREE OF CHARGE, we trust that our Friends and Customers will see that it is placed where it may be serviceable and remunerative to us, kindly recommending our firm, for which we shall feel extremely thankful. Those who receive our Catalogue from year to year, and who have no use for it, would confer a great favor by advising us of same, and by giving us if possible, the name of some one to whom it would be of benefit.

J. A. SIMMERS, TORONTO, CANADA.

INDEX

VEGETABLE AND FIELD SEEDS

Collections, colored pages

Artichokes..... 8

Asparagus..... 8

Barley..... 35

Beans..... 8-9-35-37

Beets, Table..... 10

Beets, Sugar..... 31-33

Borecole..... 10

Broccoli..... 9

Brussels Sprouts..... 10

Buckwheat..... 35

Cabbage..... 11

Cardoon..... 12

Carrots..... 12-31

Cauliflower..... 13

Celery..... 14

Chervil..... 13

Chicory..... 13-32

Chives..... 12

Citron..... 19

Clover..... 40

Collards..... 15

Coffee Berry..... 35

Corn, Sugar and Pop..... 15

Corn, Ensilage..... 36-37

Corn, Broom..... 29

Corn, Salad..... 12

Cress..... 12

Cucumber..... 16

Dandelion..... 15

Egg Plant..... 15

Arabian Primrose.....

Endive..... 13

Flax..... 35

Garden Lemon..... 18

Garlic..... 16

Gourds..... 16

Grass Seeds..... 39-40

Herbs..... 29

Horse Radish..... 16

Hungarian Grass..... 39

Kale..... 10

Kohl Rabi..... 17

Lathyrus Sylvestris..... 37

NOVELTIES

Flower Seeds, Colored

Vegetable Seeds, pages

Premiums..... 1

FLOWER SEEDS

PAGE

Collections..... 44-67

Abobra..... 45

Abronia..... 45

Abutilon..... 45

Acacia..... 45

Acanthus..... 45

Achillea..... 45

Achimenes..... 45

Aconitum..... 45

Acroclinum..... 45

Adlumia..... 45

Adonis..... 45

Agathaea..... 45

Ageratum..... 45

Agrostemma..... 45

Allegheny Vine..... 45

Alonsoa..... 47

Dracocephalum..... 53

Dracocephalum..... 53

Dusty Miller..... 52

Dutchman's Pipe..... 48

Eccremocarpus..... 55

Echeveria..... 54

Eichrysum..... 55

Erythrina..... 55

Eschscholtzia..... 55

Euphorbia..... 55

Evening Primrose..... 60

Everlastings..... 55

Ferns..... 55

Feverfew..... 55-57

Floss Adonis..... 45

Forget-Me-Not..... 55

Armeria..... 48

Foxglove..... 55

Four O'clock..... 55

Fragaria..... 55

Freesia..... 55

Fuchsia..... 55

Gaillardia..... 55

Gamolepis..... 55

Gentiana..... 55

Primrose..... 63

Geranium..... 55

Commelinia..... 52

Convolvulus..... 52

Corn Flower..... 52

Correopsis..... 49

Cosmos..... 52

Cowslip..... 53

Cucumis..... 53

Cuphea..... 53

Cyclamen..... 53

Cyclanthera..... 53

Cyperus..... 53

Cypress Vine..... 53

Dahlia..... 53

Daisy..... 53

Datura..... 53

Delphinium..... 54

Dianthus..... 54

Dictamnus..... 53

Didiscus..... 53

Dielytra..... 53

Digitalis..... 53

Dolichos..... 53

Dracena..... 53

Dracocephalum..... 53

Oenothera..... 60

Ornamental Grasses..... 55

Oxalis..... 60

Palma Christi..... 50

Pansies..... 60

Passion Flower..... 60

Pentstemon..... 60

Perilla..... 60

Petunia..... 60

Phlox..... 62

Physalis Franchetti..... 60

Picotee Pinks..... 60

Pinks..... 54

Platycodon..... 60

Podolepis..... 60

Polemonium..... 60

Polyanthus..... 60

Polygonum..... 60

Sanvitalia..... 64

Saponaria..... 64

Saxifraga..... 56

Scabiosa..... 64

Scarlet Runners..... 64

Schizanthus..... 56

Sea Lavender..... 64

Sedum..... 64

Senecio..... 64

Sensitive Plant..... 64

Silene..... 64

Smilax..... 64

Snapdragon..... 48

Snake Cucumber..... 51

Snow in Summer..... 53

Solanum..... 64

Stevia..... 64

Stocks..... 66

Stone Crop..... 64

Sunflower..... 56

Swainsonia..... 66

Swan River Daisy..... 48

Sweet Peas..... 65

Sweet Sultan..... 52

Sweet William..... 54

Tagetes..... 66

Thunbergia..... 66

Torenia..... 66

Tunica..... 66

Umbrella Plant..... 53

Venus' Looking glass..... 66

Verbena..... 66

Veronica..... 66

Vinca..... 66

Wallflower..... 66

Whitavia..... 66

Marvel of Peru..... 57

Mathiola..... 57

Matricaria..... 57

Maurandia..... 57

Melilotus..... 57

Melothria Punctata..... 57

Mesembryanthemum..... 56

Mignonette..... 58

Mimulus..... 58

Mina Lobata..... 58

Mixtures..... 67

Monkey Flower..... 58

Moon Flower..... 58

Morning Glory..... 58

Mourning Bride..... 64

Musk Plant..... 58

Musa..... 58

Myosotis..... 55

Nasturtium..... 59

Nemophila..... 60

Nicotiana..... 58

Nierembergia..... 60

Nolana..... 60

Oenothera..... 60

Ornamental Grasses..... 55

Oxalis..... 60

Akebia..... 50

Amaryllis..... 68

Ampelopsis..... 83

Annuals..... 77

Apis Tuberosa..... 68

Aristolochia..... 83

Asparagus..... 75

Begonia, Tuberous..... 68

Begonia, Flowering..... 75

Bignonia Radicans..... 83

Bougainvillea..... 75

Cacti..... 76

Caladium..... 73

Calla..... 73

Canna..... 69

Carnation..... 75

Carnations..... 75

Chinese Primroses..... 78

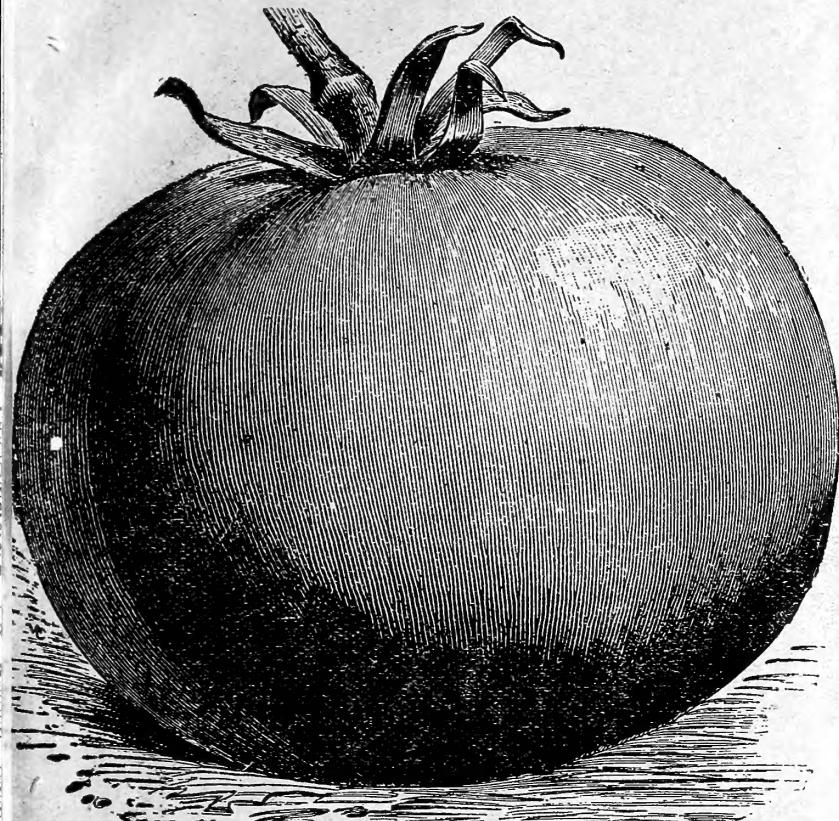
Chinese Wistaria..... 83

Clematis..... 83

Carnation..... 75

What is a Packet of Seed Those who purchase seeds by weight or measure can see readily whether the full quantity bought has been delivered. Thousands, however, requiring only a small supply of Vegetable or Flower Seeds purchase Packets. **Packet is an elastic term.** The quantity of seeds contained in a "packet" depends entirely upon the liberality of the seedsman. In these cases some dealers seek to draw trade by offering seeds seemingly very cheap at odd figures—such as 2c, 3c and 7c "per packet." Comparison of these so-called "Cheap Seeds" with the regular packets filled by us have shown that in **quantity** as well as **quality** **OUR SEEDS** are really cheaper.

J. A. SIMMERS' Novelties and Specialties In Vegetable Seeds 1902



The "Century" Tomato

The "CENTURY" TOMATO

This is the best **Extra Early** Tomato yet introduced, as early as the earliest Tomato grown, and unqualifiedly superior in other respects. Its value lies not only in the actual time of ripening its first fruit, but that such enormous quantities of fruit can be gathered while all other so-called "Earliest" are ripening only a few. The fruits are of good size, perfectly round, and remarkably handsome, smooth as glass, and of brilliant scarlet. The flesh is remarkably solid, having but few seeds. The flavor is perfect, absolutely free from any acidity. The fruits are borne in large clusters, in phenomenal abundance and continuously, from the middle of July until killed by frost. We highly recommend it, not only for its extreme and bountiful earliness, but as a good, all-season variety. Fine fruits can be picked from it in the fall, long after other varieties have ceased bearing. (See cut.)

Price, pkt 10c, oz 60c.

NEW "CRIMSON GLOBE" BEET

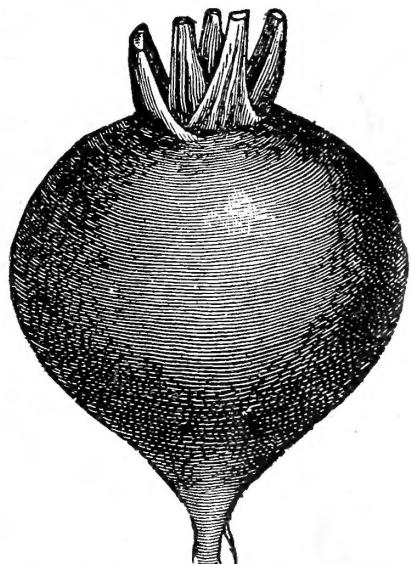
Grand Garden Beet

BEAUTIFUL FORM RICH RED FLESH

EXCEEDINGLY TENDER DELICIOUSLY SWEET

Just the Beet You Want for the Table

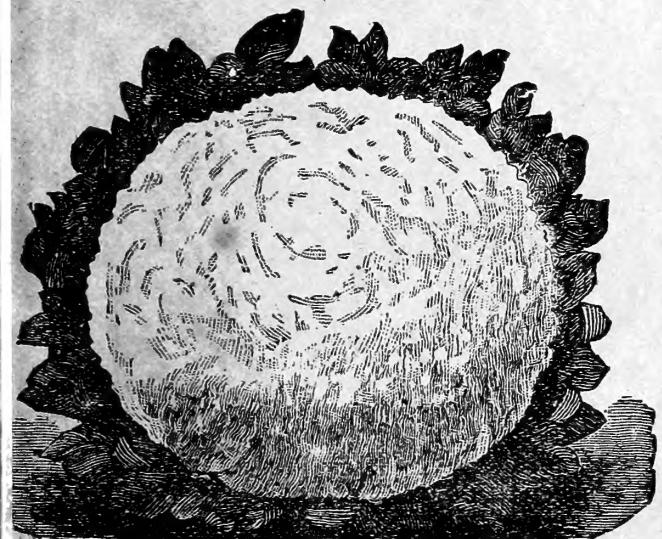
Offered last season for the first time. All who knew it were much gratified with the very general success it achieved. The root is of medium size, generally about three inches in diameter, very handsome in shape, being a little deeper than round, with a remarkably smooth surface. It has a very small tap root. The very dark roots are small and borne on slender stems which occupy but a small portion of the root, but it is the exquisite tenderness of the flesh and the complete absence of any stringy or woody character that so thoroughly distinguishes this beet. The interior color is very deep crimson throughout, but is ringed or zoned in a most beautiful manner, making it very attractive in appearance. Price, pkt 5c, oz 10c, $\frac{1}{4}$ lb 25c, 1b \$1.00.



New "Crimson Globe" Beet

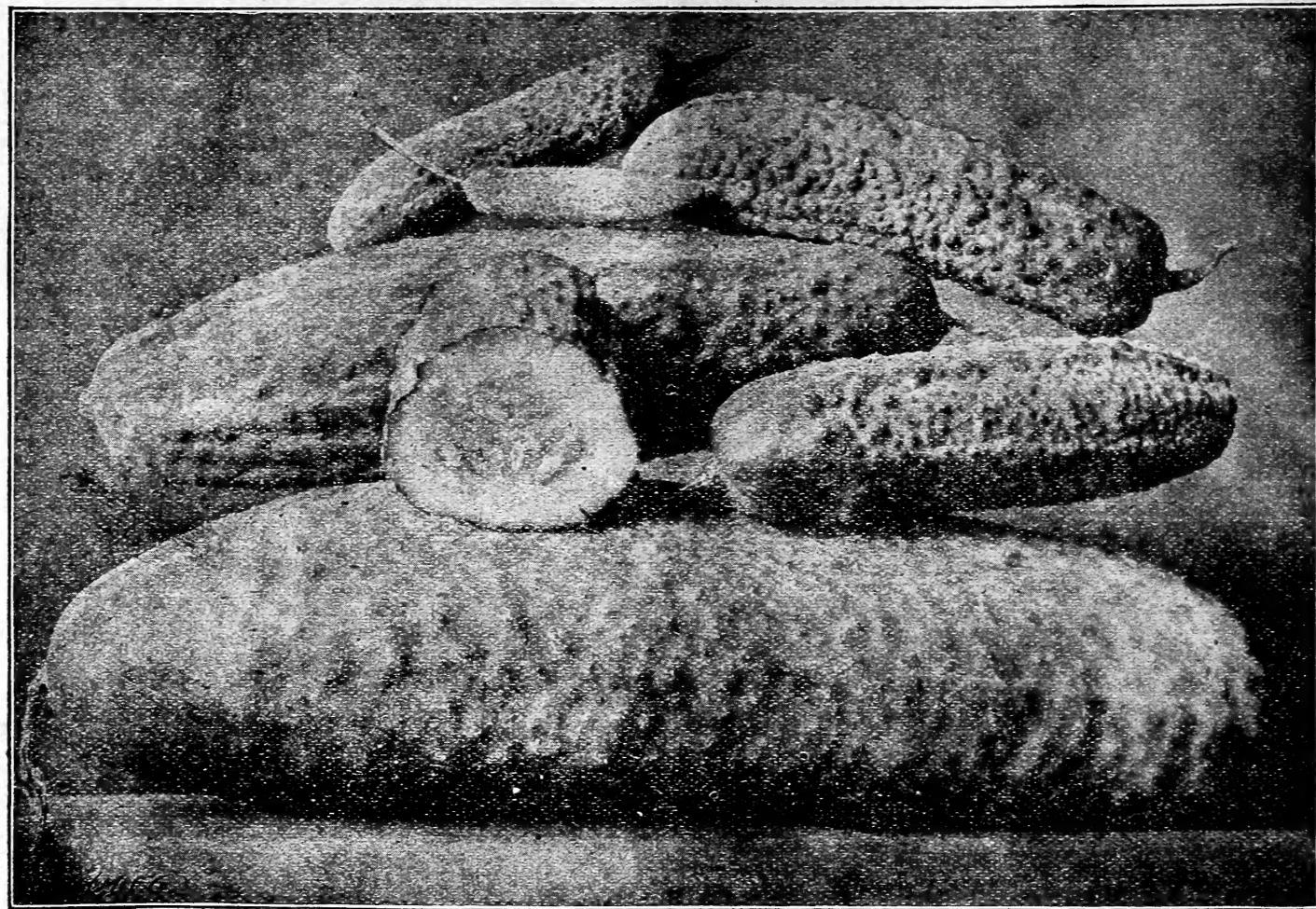
New "DRY-WEATHER" CAULIFLOWER

This Cauliflower has been described as follows: "This is a distinct new strain from Denmark. Similar in growth to Early Erfurt, it produces equally large, solid, pure white heads and is only about a week later in heading. It is adapted for growing in dry locations, where other varieties fail to produce heads. It is essential, however, to secure the best heads, to make soil quite rich and give thorough cultivation, so as to induce a strong, rapid growth. While especially adapted for growing in dry locations, it will produce heads equally as fine as the best varieties in more favorable situations. By the use of this strain fine Cauliflower can be successfully grown in many dry districts where it has been impossible heretofore to raise this luscious vegetable. At the same time it is one of the very best strains for every section. We suggest that growers give it a thorough trial."



New "Dry-Weather" Cauliflower

Pkt 25c, $\frac{1}{4}$ oz 75c, oz \$2.50, $\frac{1}{4}$ lb \$9.00.



THE "CUMBERLAND" CUCUMBER

THE CUMBERLAND CUCUMBER

The Best Table and Pickling Cucumber Known

We offer our customers seed of what we honestly believe to be the best table and pickling Cucumber ever produced.

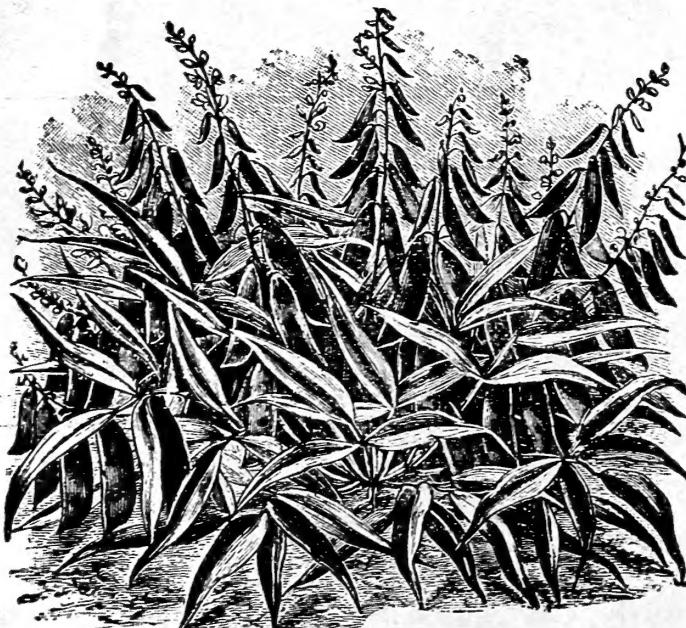
The variety is of the hardy, white spine type, is a rapid, strong and vigorous grower and very prolific in fruit.

The fruit differs from all other hardy sorts in being thickly set with fine spines over the entire surface, except the extreme stem end; and during the whole period of growth, from the time they first set until fully grown, the form is exceptionally straight and symmetrical, thus being as choice as a slicing variety as it is for pickles.

The flesh is firm but very crisp and tender at all stages.

We offer it in full confidence that it will please our customers in every particular.

Pkt 5c, oz 15c, 2 oz 25c, 1-4 lb 40c, 1b \$1.50.



New "Willow-Leaf" Bush Lima Bean

New "Willow-Leaf" Bush Lima Bean

The plants of this new variety are always of the true bush type, extremely uniform in growth with the most distinct and ornamental foliage. Each leaf consists of three narrow lance-shaped divisions identical in character with those of the tall or running *Willow-Leaf Lima*. The plants grow twelve to fifteen inches in height, of compactly rounded form, from which the long spikes of white blossoms stand out most attractively. These blossoms are succeeded by large clusters of the bright-green pods. The whole growth of the plant is at all times most highly ornamental in character and well suited for planting in continuous rows as borders for the flower bed, garden walks, etc.

The pods while closely resembling those of the *Henderson Bush Lima* are larger in size, well filled with white beans, very tender, and have a delicious buttery flavor so highly esteemed. The beans mature for use in ten days to two weeks in advance of the large *Burpee's Bush Lima*, and the two varieties are so entirely distinct that gardeners will find it of great advantage to plant both.

Pkt 10c, 1b 20c, 2 lbs 35c, 5 lbs 80c.

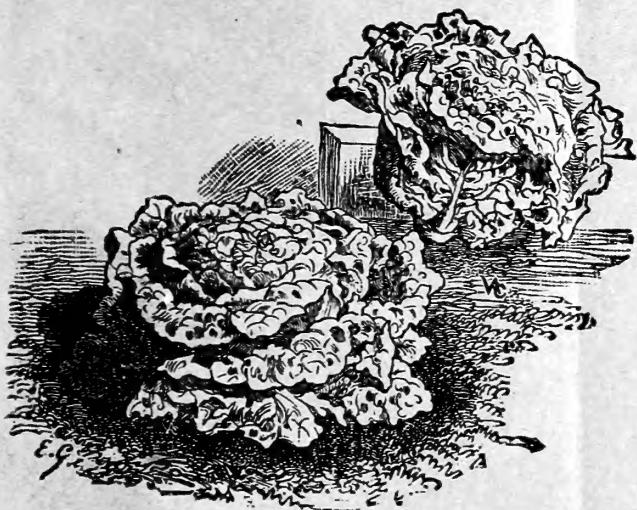


New Gigantic Gibraltar Onion

New Gigantic Gibraltar Onion

While the ripened bulbs are similar to those of the *Prize Taker* in size and form, it is even better adapted to growing in warm, dry locations or seasons. The plants continue in growth longer under such circumstances, consequently produce larger bulbs. It produces the largest bulbs from sown seed, continuing in growth after the American varieties have ended and the tops died down. The bulbs ripen surely and evenly in the

The leaves or blades are distinct in appearance from those of other varieties, being of a deep green, with a polished or glossy surface, enabling them to withstand dry weather, blight, and the attacks of insect enemies. For gardeners who find that the *Prize Taker* ripens prematurely or before attaining large size, we would advise planting this distinct and valuable variety. The clean, handsome bulbs grow to a very large size and are nearly equal in form, being slightly flattened at the ends. The thin skin is of a straw color, flesh white, very tender and mild. The onions are excellent for home use while in the growing state during the summer months. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb \$2.25, postpaid.



Unrivalled or Improved Big Boston Cabbage Lettuce

Unrivalled or Improved Big Boston Cabbage Lettuce

A selected strain of the Big Boston Lettuce, a variety sent out some years ago, and which has attained a world-wide fame among all growers. This new variety possesses all the good qualities of the Big Boston, viz.: crispness, good size, attractive light green color, etc., and it has besides a quality that make it specially valuable for the private garden. It may be grown almost the whole year round; it keeps its head remarkably well during the summer heat, remaining crisp and solid when other varieties become soft and flabby. Pkt 10c, oz 50c.

New Long White "Icicle" Radish

This distinct new Radish, introduced from Germany, is the finest and longest of the very early pure white varieties. It fully equals in crisp, tender flesh and mild flavor the popular *White Vienna* or *Lady Finger*, while it is as early as *Long Scarlet Short Top*. Planted in spring, the young radishes are ready for use in twenty to twenty-five days from sowing the seed, and their long, slender form and pure paper-white skin are most attractive when bunched for market. This Radish is not only crisp and tender when young, but retains these qualities until the roots attain large size, so that it will remain in fine condition longer than any other very early variety. It is ready for use in succession to the olive-shaped varieties, and is destined to become a leading market variety. As roots develop very quickly, they can be pulled when quite young, and the leaves are short and very few in number. It is excellently adapted for forcing purposes or successive sowing in the open ground, and gives a continuous supply of tender, crisp radishes for the table or market throughout the season. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, 1 lb \$1.00, postpaid.



New White Icicle Radish

Radish "Leafless Bright Scarlet"

Extra early; remarkable for the small size of its leaves; the roots grow so quickly they are practically in advance of the leaves, and for that reason it is called *Leafless*. Its peculiar, crumpled leaves "are few and far between." A beautiful bright color and the crisp, tender flesh is excellent.

Pkt 5c, oz 15c, 1 lb 50c.



Leafless Bright Scarlet

Radish "Sakurajima Giant"

Mammoth Radish Sakurajima is white in color, the top a little green, and we believe it can be used in this climate as a winter radish; without doubt the largest radish known, 3 feet in circumference, and often weighs 20 to 30 lbs. It is thick in the middle and tapers slightly towards both ends. The Japanese are very fond of this radish. It is eaten there raw, boiled, dried or preserved in salt, and has a sweet, wholesome taste.

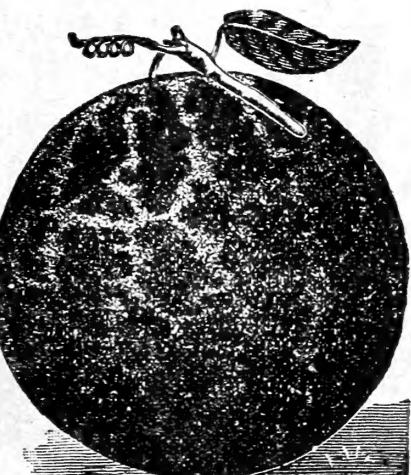
Pkt 10c, 2 oz 25c, 1 lb 40c.

Ornamental Pomegranate

"Queen Ann's Pocket Melon"

Grows on a pretty vine; its handsome fruit is a lemon-yellow striped with dark orange, varying from the size of a small peach to that of an orange. Very fragrant, sweetly perfuming a room with their pleasant odor for days. Very prolific and easily grown.

Pkt 5c, 6 for 25c.



Ornamental Pomegranate

VEGETABLE SEED COLLECTIONS

—FOR THE—

City Garden, Suburban Garden and Country Gentleman's Home

They are free by Mail on Receipt
of Price. Not subject to any Dis-
count or Premiums.

These Collections Contain Only
TRUE AND TRIED KINDS

Considering the extremely low
rates, we cannot possibly permit
any Changes in the varieties.

No. 1



33 Pkts

Bean—Simmers' Giant Wax.
Bean—Improved Valentine.
Beet—Edmand's Blood Turnip.
Cabbage—Early Jersey Wakefield.
Cabbage—Vandergaw.
Carrot—Scarlet Intermediate.
Celery—Golden Self-blanching.
Celery—White Plume.
Corn, Sweet—Cory.
Corn, Sweet—Ne Plus Ultra.
Citron.
Cucumber—Chicago Pickle.
Cucumber—Long Green.
Lettuce—Simmers' Nonpareil.
Lettuce—Simpson's Early.
Muskmelon—Green Nutmeg.
Muskmelon—Simmers' Dominion Musk.
Watermelon—Cuban Queen.

Contains 33 packets of the best Vegetable Seeds, sufficient to furnish vegetables throughout the year, and 1 packet of Flower Seeds, which we will send postpaid to any address in the Dominion of Canada for the extremely low price of \$1.00.

25c.

Garden Collection No. 3

8 Packets for 25 Cents.

Beet—Edmand's Blood Turnip.
Carrot—Scarlet Intermediate.
Cucumber—White Spine.
Lettuce—Simmers' Nonpareil.

Muskmelon—Green Nutmeg.
Watermelon—Cuban Queen.
Onion—Yellow Danvers.
Radish—Scarlet Olive-shaped.

75c.

FARMER'S Vegetable Collection No. 4

Price 75 Cents.

Contains 1 ounce Beet, 1 pound Beans, 1 ounce Carrot, 1 pound Sw Corn, 1 packet Cucumber, 1 packet Lettuce, 1 packet Watermelon, 1 pac Citron, 1 ounce Onion, 1 packet Parsnip, 1 packet Radish.

GARDEN COLLECTION No. 5

Suitable for Manitoba and North-West Territories

16 Packets for 50 Cents, Postpaid.

Beans—Simmers' Giant Wax.
Beet—Half Long Blood.
Cabbage—Premium Flat Dutch.
Cabbage, Savoy—Large German Drumhead.

Carrot—Early English Horn.
Cauliflower—Demidur.
Celery—Simmers' Large Ribbed Dwarf White.
Corn—First of All.

Lettuce—Hanson.
Onion—Australian Brown.
Parsnips—Guernsey.
Parsley—Triple Curled.
Peas—American Wonder.

Peas—Stratagem.
Radish—Scarlet Olive.
Tomato—Early Ruby.
And 1 pkt Wild Garden Flower Seed Mixture.

THE "CITY AND SUBURBAN" GARDEN COLLECTION

Price \$1.00, Free by Mail.

Beet—Blood Turnip, 1 pkt.
Beans (none of which require staking) — Dwarf Snap, green pod, $\frac{1}{2}$ pt; Dwarf Snap, yellow wax pod, $\frac{1}{2}$ pt; Bush Limas, 1 pt.
Cabbage—Early Jersey Wakefield, 1 pkt.
Carrot—Scarlet Horn, 1 pkt.
Corn—Early Sugar, $\frac{1}{2}$ pt.

Cucumber—Long Green, 1 pkt.
Lettuce—Cos, 1 pkt.
Lettuce—Nonpareil, 1 pkt.
Onion—Yellow Danvers, 1 pkt; Mammoth Silver King, 1 pkt.
Parsley—Triple Curled, 1 pkt.

Peas (none of which require staking)—Amer Wonder, $\frac{1}{2}$ pt; Dwarf Telephone, for succession, $\frac{1}{2}$ pt; Stratagem, $\frac{1}{2}$ pt.
Radish—Scarlet Olive, 1 pkt.
Squash—Vegetable Marrow Bush, 1 pkt.
Tomato—Imperial, 1 pkt.
Turnip—Snowball, 1 pkt.

Give Your Boys a Garden

and provide a means of healthy exercise and delightful recreation.
In order to encourage "Young Canada" we offer:

"OUR BOYS" Collection, 12 Pkts for 25c, Postpaid

Beans—Canadian Wonder.
Beet—Flat Egyptian.
Cress—Curled.
Cucumber—Improved Long Green.
Lettuce—Nonpareil.

Muskmelon—Hackensack.
Watermelon—Coles' Early.
Onion—"Prizetaker."
Radish—"Rosy Gem."

Squash—Mammoth Whale.
Tomato—Aristocrat.
And 1 pkt of Children's Flower Mixture.
All full sized 5 and 10c packets, for 25c.

To Our Friends and Patrons, Greeting:



CHIS being the **forty-seventh year** since establishing our immense Seed, Bulb and Plant Business in Toronto, in greeting our numerous old friends and patrons, and tendering them **Our Annual Cultivators' Guide and Catalogue of Seeds, Bulbs and Plants, Etc., for 1902**, we take this opportunity of returning our sincere thanks for their recognition of our efforts to supply them with everything good and reliable in our line, and we trust that they will continue to extend to us that liberal share of

their patronage which we may fairly claim, and to deserve which we have all times done our utmost by honest and square dealing.

OUR CATALOGUE.

We here wish to say, that, doing our utmost to make mention in this catalogue of our large and varied stock, many articles are unavoidably omitted. We shall cheerfully procure and furnish prices of anything (of whatever nature) obtainable in the interests of our numerous customers. Please write for anything in the seed line you may wish to procure and which you do not see mentioned in this Catalogue.

In compiling our Catalogue we give descriptions free from all appearance of exaggeration, and make our engravings as true to type and nature as possible, considering well the fact that a seedman's catalogue should beational in its tone, educational in its matter, and as clearly descriptive of the things offered as a limited space will allow. It is our desire to make our catalogue serviceable as a book of reference, and as clear as possible, so that it will not be simply looked at and thrown aside.

OUR STOCKS.

Our seed stocks have been kept up to our high standard of excellence; our plants are well-grown and thrifty; our tools and implements are from the best manufacturers in their respective lines, and our fertilizers are of the highest grade procurable.

OUR PRICES.

It is our constant aim to make highest quality a first consideration, and then to make our prices as low as good, honest seeds can be sold. Our prices for seeds of the highest standard of excellence, therefore, will in all cases be found as low as those of any other reliable house. "Our success achieved can only be maintained by the methods that obtained it."

ORDERS.

We endeavor to be as liberal as possible in filling orders, and strive to send to our customers goods that will be satisfactory in every way. The greatest care will, as heretofore, be bestowed in putting up all orders, large or small; so that amateurs not acquainted with the varieties offered, will, by leaving the selection to us, be liberally and judiciously supplied. Our aim will always continue to be to give every satisfaction to the purchaser, both in quality of the articles supplied, and in the manner of packing and forwarding.

ABOUT WARRANTING SEEDS.

It is impossible for us to guarantee the crop in any way, as there are so many causes that operate against the growth and productiveness of the seeds, over which we can have no control. *We give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any*

Reliable Table Showing the Quantity of Seed Usually Sown upon an Acre.

Seed, and pounds per bushel.	Seed, and pounds per bushel.
Arley, broadcast, 48....	2 to 3 bus.
beans, Dwarf, in drills, 60	1 1/2 bus.
beans, Pole, in hills, 60	10 to 12 qt.
beets, Table, in drills....	6 lbs.
beets, Mangel-Wurzel....	5 lbs.
beckwheat, 48.....	1 bus.
abbage, in beds to transplant.....	1 bus.
arrot.....	1/2 lb.
arro, in drills.....	3 to 4 lbs.
lover, Red, 60.....	20 lbs.
lover, White, 60.....	12 to 15 lbs.
lover, Alsike, 60.....	10 lbs.
lover, Lucerne or Alfalfa, 60.....	20 lbs.
orn, in hills.....	3 to 10 qts.
orn, for fodder, 56.....	3 bus.
ucumber, in hills.....	2 lbs.
lax, broadcast, 56.....	1 1/2 bus.
rass, Kentucky Blue, 14	3 bus.
rass, Orchard, 14.....	3 bus.
rass, English Rye, 24.....	3 bus.
rass, Red Top, 14.....	3 bus.
rass, Timothy, 48.....	1 bus.
rass, Hungarian, 48.....	1 bus.
awn Grass, 15.....	4 bus.

Quantity of Seed Required for a Specified Length of Drill.

spargus.....	1 oz.—60 ft. of drill.
weet.....	1 oz.—50 ft. of drill.
beans, Dwarf	1 qt.—100 ft. of drill.
beans, Pole	1 qt.—150 hills.
abbage	1 oz.—2,000 plants.
auliflower	1 oz.—2,000 plants.
elery	1 oz.—2,500 plants.
arro	1 oz.—150 ft. of drill.
ucumber	1 oz.—50 hills.
orn	1 oz.—200 hills.
ekk	1 oz.—100 ft. of drill.
ettuce	1 oz.—3,000 plants.
elon, Water	1 oz.—30 hills.
elon, Musk	1 oz.—50 hills.

other matter, of any Seeds, Plants or Bulbs we sell; nor will we hold ourselves in any way responsible for the crop. Every order received will be filled by us on these conditions only.

OUR PUBLICATIONS.

We issue the following Catalogue and Price Lists during the year:—January 1st, Illustrated Guide for Amateur Gardeners, Market Gardeners' Catalogue, Florists' Semi-Annual Trade Price List, Dealers' Trade List of Seeds; June 1st, Florists' Semi-Annual Trade Price List of Forcing Bulbs, Etc; August 13th, Price List of Winter Wheat; September 1st, Autumn Catalogue of Dutch and Other Bulbs, Etc.

PLEASE READ CAREFULLY WHAT WE DO.

Seeds by Mail.—We send free, by mail, all seeds priced by the packet, ounce or quarter pound; and all seeds quoted by the pound, except Beans, Field Beets, Field Carrots, Broom Corn, Corn, Mangels, Peas, Rape, Field Turnips and Swedes, Clover, Grasses and Bird Seeds; to these varieties **four cents per pound** must be added for postage.

We guarantee that every packet we send out shall reach its destination in good condition, and that everything shall be received exactly as ordered. If a package is lost we will replace it.

We pack all seeds and plants carefully, and they will carry to any part of the world with safety.

Completion of Orders.—As the season advances our stock of some varieties become exhausted. In such cases we substitute with an article of the same variety, of equal quality, or return the money. Potatoes, bulbs, plants, etc., will be sent only when all danger of frost is past.

Orders.—We fill orders within forty-eight hours after being received, if possible.

Errors.—Should any errors occur we desire to be informed of the fact, and promise to make such corrections as will be perfectly satisfactory.

WHAT CUSTOMERS SHOULD DO.

Forward money with your order, by post-office order, postal note, express order, bank draft, or registered letter. All money sent by any one of the above ways will be at our risk.

Be sure and write your name and address plainly, as we very often get letters without names, and others without the post-office address or county. Keep a copy of your order by marking in your Catalogue, opposite the variety, the quantity ordered of each; by so doing you will know when your goods arrive if all is correct.

Send Your Orders Early.—By so doing you are sure of getting all your order promptly, for as the season advances, some varieties run short.

Ladies should always prefix their names with Miss or Mrs., as the case may be.

Correspondents should always sign their names alike each time. Ladies very often sign their husband's names in sending an order, and then again their own names, if making enquiry about it, or *vice versa*. This leads to confusion.

Should you receive an extra copy of our catalogue, or have no use for this one, kindly hand it to someone who would likely be wanting seeds, etc.

Always give shipping instructions when ordering large quantities of seeds, etc. Say whether by freight or express. Should instructions not be given, we shall use our best judgment.

Should you make any change in your permanent address, please notify us, that we may be able to forward our Catalogue to you.

Important.—Should you not receive your seeds, etc., in a reasonable time after sending your order, advise us of the fact, enclosing a duplicate order, and state the date order was mailed, the amount of money enclosed, and in what form. On receipt of this we will at once refer the order, and investigate the matter; but if duplicate order is not sent we cannot do so promptly.

Goods ordered shipped to any flag station must have freight pre-paid. Please allow for same in remittance.

Seeds ordered by the peck or bushel will be sent either by express or freight, at purchaser's expense.

Address all orders and other communications to

ANTON SIMMERS
HERMANN SIMMERS

J. A. SIMMERS,

TORONTO

Offices and Seed Warehouses—

147, 149, 151 KING STREET EAST, South Side
(Two doors West of St. Lawrence Market)

The Days of Using Sod Will Soon be Over

When people know how easily Lawns are made with

Simmers'

"Toronto Parks"

Lawn Grass Seed

For details, see inside of front cover. (7)



GENERAL LIST...

SIMMERS'

Vegetable Seeds 1901 . . .

CROP OF
1901 . . .

Please note the facilities for sending Seeds by Mail on page 7. We guarantee the safe arrival of all Seeds, etc., when sent by Mail.

ARTICHOKE

German—*Artischoke*. French—*Artischaute*.

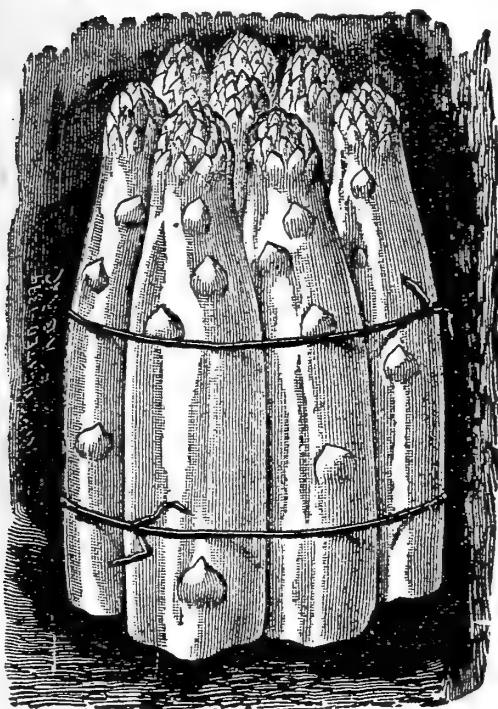
CULTURE—Sow in April in rich soil and transplant to permanent beds the next spring, in hills three feet apart each way, with three plants to a hill. A rich, deep loam is required, and plenty of moisture. Cover with litter or earth in winter.

✓ **Large Green Globe**—The best for general culture. Per pkt 5c, oz 30c.

✓ **Jerusalem Artichokes**—A hardy and productive plant, used for cooking, pickling for table use, and feeding stock; strong tubers. Per lb 15c, 3 lbs postpaid 35c, peck 50c, bushel \$1.50.

ASPARAGUS

German—*Spargel*. French—*Asperge*.
(One oz. for 60 feet of drill.)



Columbian Mammoth Asparagus

in growth and appearance. It is very early sort and immensely productive, and of the very best quality. Seed per pkt 5c, oz 10c, 1/2 lb 15c, lb 50c.

ASPARAGUS ROOTS

✓ **Columbian Mammoth White**—Per 100 \$1.25, 50 for 75c, 25 for 40c. Carriage extra.

Per 100 \$1.50, 50 for 80c, 25 for 45c. Postpaid.

✓ **Large Giant**—Strong two-year-old. Per 100 \$1.00, 50 for 50c. Carriage extra.

Per 100 \$1.25, 50 for 65c, 25 for 40c. Postpaid.

✓ **Connover's Colossal**—Strong two-year-old. Per 100 \$1.00, 50 for 60c, 25 for 35c. Carriage extra.

Per 100 \$1.25, 50 for 65c, 25 for 40c. Postpaid.

✓ **Palmetto**—Strong two-year-old. Per 100 \$1.00, 50 for 50c. Carriage extra.

Per 100 \$1.25, 50 for 65c, 25 for 40c. Postpaid.

German—
Bohne.

BEANS

French—
Haricot.

Bush, Dwarf, Wax-Podded Varieties

CULTURE—Plant as soon as danger from frost is past, in light, warm soil, in drills about two feet apart, three inches apart in the drills, or in hills three to four feet apart. Avoid cultivating when wet with rain or dew, as this will injure the crop, but hoe often when dry. Plant every two weeks for succession. One quart will plant 200 hills, or a drill of 100 feet.

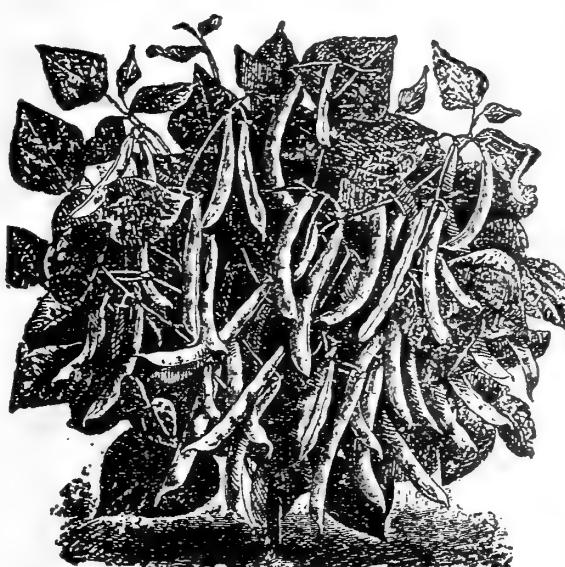
✓ **SIMMERS' EARLY GIANT WAX OR BUTTER**—This is really one of the most valuable varieties for either private or market garden purposes. It is earlier than either the Black or Golden Wax sorts, and has a peculiar value in the fact that it is always exempt from rust. The pods are of very large size, often from 6 to 9 inches long; exceedingly succulent and tender when full grown. It is an enormously productive variety. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 75c, peck (15 lbs) \$1.75.

✓ **Wardwell's Kidney Wax**—One of the very best Wax Beans, bearing long pods of a delicate waxy yellow, entirely stringless and brittle, fine buttery flavor, heavy yielder. Per pkt 5c, pt 15c, qt 30c, 5 lbs 70c, peck \$1.50.

✓ **Early Crystal White Wax**—Transparent pods, stringless, good flavor, seeds white. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck \$1.50.

✓ **Detroit Wax**—Very hardy and productive, pods straight, flat but thick to edge; distinctly broader than the Golden Wax. They do not turn to wax color so early, but when well grown and fit for use are of a beautiful golden wax color, and of the finest texture. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck \$1.50.

✓ **Early Golden Wax or Butter**—Yellow pods, several days earlier than the ordinary Black Wax, quite distinct, very prolific, brittle and stringless. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 60c, peck (15 lbs) \$1.50.



Simmers' Giant Dwarf Wax or Butter Beans

The Standard Variety for Table Use.

✓ **Early Black-Seeded Wax or Butter**—Almost stringless yellow pods, thick, very tender and delicious, a standard variety. Beans black when ripe. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck (15 lbs) \$1.50.

✓ **Early White-Seeded Wax or Butter**—A variety with wax-like pods, similar to the Black Wax, except in the color of the seed. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck (15 lbs) \$1.50.

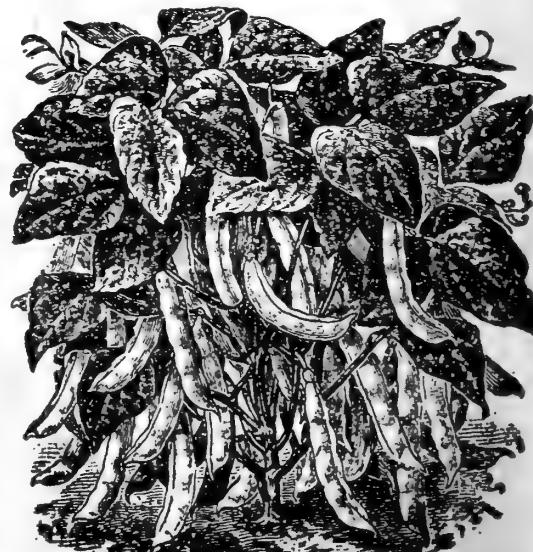
BEANS—English or Broad

(N.B.—One pound of Beans is equal to about one pint, and will plant about 50 feet of drill.)

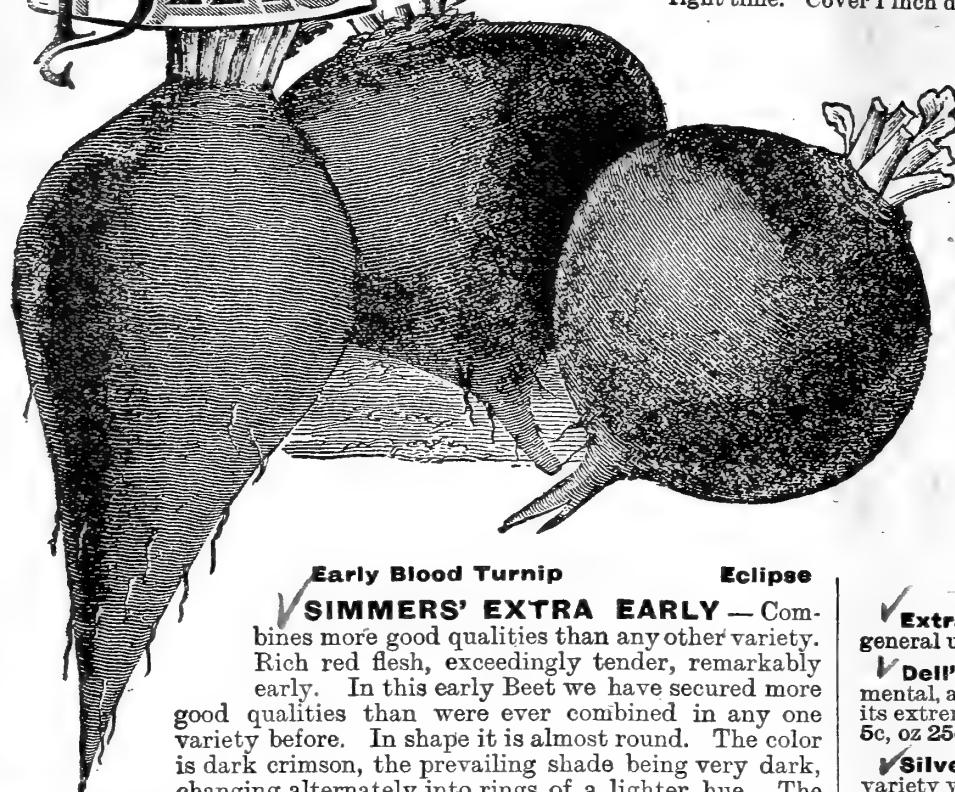
CULTURE—The English Broad Beans are very hardy, and should be planted as early in the spring as the ground can be worked, in rows 2 feet apart, about 5 inches apart in the row, and cover 2 inches deep.

✓ **Broad Windsor**—Large, one of the best, ripens well, very prolific. Pkt 5c, lb 15c, quart 25c, peck \$1.50.

✓ **Early Mazagan**—The earliest, very hardy and bears freely, be adapted to our climate. Pkt 5c, lb 15c, quart 25c, peck \$1.50.



Wardwell's Kidney Wax Bean



Half Long
Blood Red

Early Blood Turnip

Eclipse

SIMMERS' EXTRA EARLY—Com-
bines more good qualities than any other variety.
Rich red flesh, exceedingly tender, remarkably
early. In this early Beet we have secured more
good qualities than were ever combined in any one
variety before. In shape it is almost round. The color
is dark crimson, the prevailing shade being very dark,
changing alternately into rings of a lighter hue. The
constancy of color in every bulb largely enhances its
value. It is extremely early. But it is when prepared
for the table that its fine qualities become most appar-
ent, the fine, rich color making it conspicuous. The flesh, of delicate
texture, is rich, sugary and entirely free from fibre. Price, pkt 5c,
oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb 90c.

EARLY ECLIPSE—Remarkable for its rapid growth, extreme smallness
of tops and extra fine quality. Perfectly smooth and round, skin and flesh
intense red, very fine grained and sweet, an excellent sort. See illustration.
Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

EARLY DARK RED FLAT EGYPTIAN—One of the earliest dark red
Beets in cultivation; its color is a fine, dark red, and its shape is that of an
early flat white turnip; it never fails to give satisfaction. See illustration.
Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Early Bassano Flat Red—Very clear, tender and sweet, rose color,
grows to a good size. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Early Blood Turnip—Good for summer or winter, flesh dark red
color, a standard round variety with small top, very tender. Per pkt 5c, oz
10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Edmand's Early—The roots are handsome and round, very smooth,
with a single tap root; of good marketable size, and for table use no variety
can excel it in fine quality. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Half Long Deep Dark Blood Red—The best for family use, tender,
sweet, not requiring to be cut in two for boiling. Per pkt 5c, oz 10c, 2 oz
15c, $\frac{1}{4}$ lb 20c, lb 50c.

Whyte's Very Deep Long Blood Red—Very choice and long. Per
pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

BORECOLE or KALE

German—*Blätter Kohl*. French—*Chou vert*.

CULTURE—Borecole or Kale may be grown in almost any soil, but the
richer it is the more abundant the product. Sow from the middle of April
to the beginning of May, in prepared beds, covering the seed thinly and
evenly; transplant in June and treat in the same manner as for Cabbage.
The varieties are all extremely hardy, and are best when touched by frost.

Dwarf Green Curled Scotch—Very hardy, one of the best. Per
pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Dwarf Curled German Greens or Sprouts—Early and very
tender. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.



Dwarf German Curled Kale

Tall Green Curled Scotch—This is very hardy and improved by a
moderate frost. About 30
inches tall with an abundance
of dark green leaves,
which are densely curled
and cut, forming a very
beautiful plant. It stands
the winters in the Middle
States without any protection.
Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

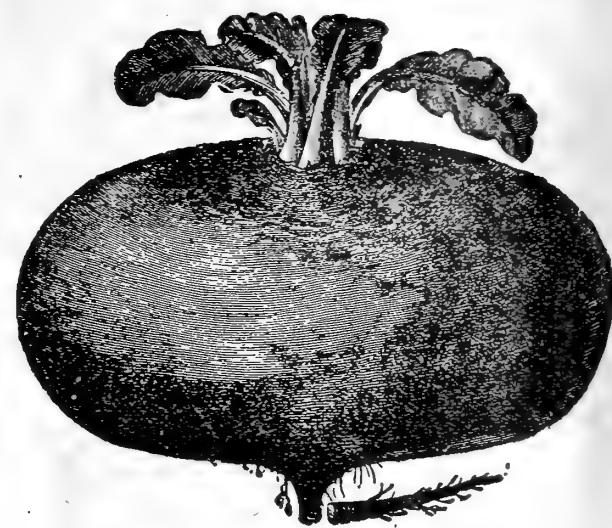
Plumage—Very curly,
producing variegated
leaves, suitable for ornamental
and bedding purposes, also excellent for
table. Per pkt 5c, oz 15c,
2 oz 25c, $\frac{1}{4}$ lb 40c.

German—*Runkle Rübe*.

French—*Betterave*.

(One oz. will sow 100 feet of drill.)

CULTURE—The soil best suited to the Beet is a deep, light and rich sandy loam. For early beets the seed should be sown about the middle of April or as soon as the ground is in good working condition, in drills 12 to 15 inches apart, and thinned to 4 to 6 inches apart in the drills. For winter crops the first of June is the right time. Cover 1 inch deep.

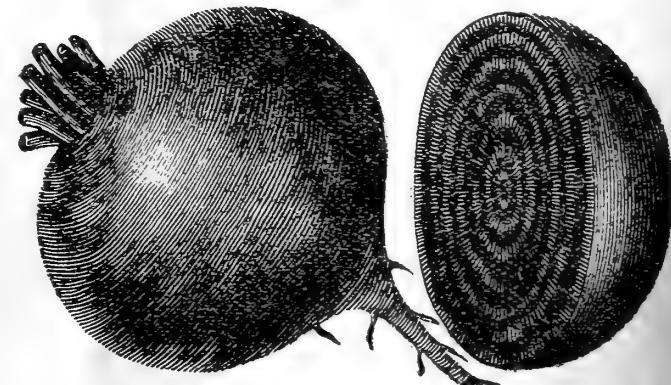


Early Dark Red Flat Egyptian Beet

Extra Long Smooth Deep Blood Red—The most popular kind for
general use; keeps well. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Dell's Black or Crimson Leaved Beet—Both useful and ornamental, as it is extensively used for ribboning in flower borders, on account of its extremely striking foliage, being a deep, dark metallic lustre. Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.00.

Silver Beet or Swiss Chard—Sometimes called Sea Kale Beet; a
variety with beautiful and tender leaves, used for Spinach. The mid rib is
used and served as Asparagus. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 75c.



Detroit Dark Red Turnip Beet

Detroit Dark Red Turnip—A grand Beet for bunching for market
tops exceptionally small and uniformly upright; roots are perfect turnip
shape with small tap roots. The principal fault with most turnip Beets is
the occasional appearance of white rings, but by careful selection this has
been overcome, and this will be found to be one of the deepest red beets.
Quality is of the very best, sweet and tender. Gardeners can safely plant it
largely. Per pkt 5c, oz 10c, $\frac{1}{4}$ lb 20c, lb 60c.



BRUSSELS SPROUTS

German—*Kopfkohl Gruener*.
French—*Chou de Bruxelles*.

CULTURE—The seeds should be sown in March or April in the hotbed or in the
open ground when the weather permits. When the plants are three inches high
they should be transplanted and cultivated the same as cabbages or Cauli-
flowers.

Large Tall French (Dalmeny)—A
very fine variety; the sprouts are large
and solid and of luscious flavor. Per pkt
5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Improved Dwarf—A standard
variety of excellent quality, producing
compact sprouts of fine quality; it seldom
fails to produce sprouts, and is a good
keeper. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb
40c, lb \$1.50.

GERMAN—KOPF KOHL

FRENCH—CHOU CABUS.

CABBAGE

CULTURE—For very early use sow in January or February in hotbeds; prick out when the plants are strong enough into other hotbeds; or sow in cold frames in March; transplant, when danger from killing by frost is past, to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. To secure plants for wintering in cold frames sow the seed in well-prepared, rich ground, from the 10th to 25th September. To preserve the plants from insects sprinkle them with *Slug-Shot*.

EARLY VARIETIES

SIMMERS' PREMIER—Flat-headed variety, as early as Jersey Wakefield. A valuable acquisition, being a round, flat-headed cabbage as early as Wakefield, and one-third more productive. It is of the Early Summer type, heads a trifle smaller, very solid, with few small outside leaves, enabling it to be planted very close; very uniform in shape and size, finely bred and free from any rankness of flavor. Pkt 10c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00.

EARLY SPRING—Flat-headed variety as early as Jersey Wakefield. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.

BURPEE'S ALL-HEAD EARLY—This is the earliest of all large cabbages, being at least a week earlier than any of the various strains of Early Summer Cabbage. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Extra Early "Express"—From 8 to 10 days earlier than the Early Etampes, which it resembles in shape, though smaller, heads pointed. It has few outside leaves and can be planted close. For a very quick forcing sort, try it. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

HENDERSON'S EARLY SUMMER—A standard early variety, much used by market gardeners, heads large, solid and nearly globe shaped, rarely or never burst when fully matured. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

EXTRA EARLY ETAMPES—A very early sort, producing medium-sized heads very sharply pointed. It grows quickly, is mild flavored, and for private gardens a desirable sort. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

SELECTED EARLY JERSEY WAKEFIELD—One of the best early varieties for private use, very solid, medium size, nearly round, of excellent flavor. Per pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.

Early Winningstadt—Pointed head, for summer and winter use, very sound, quality first rate, sure to head on all soils, desirable for private gardens. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 45c, lb \$1.75.



Simmers' Early German Brunswick Cabbage
(Best for general crop.)

SECOND EARLY VARIETIES

SIMMERS' EARLY GERMAN BRUNSWICK—A second early variety, short stemmed, solid, large light green flat heads, similar but much superior to St. Denis, most commendable to market gardeners and others, large as Henderson's and nearly as early, stem remarkably small and short, every plant sure to head. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

HENDERSON'S SUCCESSION—Handsome, large and sure header. The Succession is about one week later than the Early Summer, but is double its size. Per pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.

Early French Oxheart—A leading variety among the market gardeners, heads very early, tender and of fine flavor; our seed is selected from extra fine stock. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

All Seasons—This is a superior variety to plant for late as well as for early crop, the thickness of the head making it a capital variety to keep through the winter; heads large and solid, not liable to burst after heading. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

FOTTLER'S IMPROVED BRUNSWICK DRUMHEAD (American)—Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

VANDERGAW—A medium late cabbage. Large green heads, hard and of remarkable excellence. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Early Premium Flat Dutch—One of the very best varieties to keep, large heads. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

For Cabbage Plants see end of Vegetable List

(ONE OUNCE WILL PRODUCE
ABOUT 3,000 PLANTS.)

LATE VARIETIES

CABBAGE DANISH BALL HEAD—Heads round in form, 8 to 10 inches in diameter, and very solid; few outer leaves, and these folded closely about the heads. The heads keep excellently through the winter when buried, coming out quite solid in the spring. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

The Lupton—Earlier than Flat Dutch, of closer growth, sure header, large, solid, dark green, quality very fine. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

SIMMERS' MATCHLESS FLAT DUTCH CABBAGE—Extremely handsome in appearance, the stumps being very short. The well-developed heads are true to type and uniform in color, which is an attractive bluish green. The heads measure about 13 inches across and weigh from 10 to 12 pounds each. The Matchless Flat Dutch comes very true, and is a sure header. A very superior cabbage for autumn and winter use. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Filderkraut—This variety somewhat resembles the Winningstadt, but is larger in every way, more pointed, and heads up with fewer outside leaves. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Surehead—One of the surest headers and best main crop cabbages. The heads are round, flat on top, hard, and with few outside or loose leaves. Market gardeners will find it a most valuable sort. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

AUTUMN KING—The Autumn King is the best keeper we have ever seen; it produces enormous solid heads of dark green, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Late Marblehead Mammoth—The largest known sort, solid, tender and free heading winter variety, and with good culture average 30 lbs per head (American grown seed). Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Late French St. Denis—Flat heads, very solid and heavy, one of the most profitable sorts for winter, keeps well all winter. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Late Large French Quintal—One of the largest and most solid kinds known, flat heads, keeping well in winter. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Late Large Drumhead—Heads large and solid, good for general crop, and of fine quality. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Late Flat Dutch—Short stems and large, solid flat heads. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

SAVOY CABBAGE

Simmers' Perfection Drumhead Savoy Cabbage—Heads large and very finely curled, short stock and compact grower, an excellent keeper. Partakes of the size of the Drumhead, with the curled leaves and fine flavor of the Savoy. Far superior to the ordinary imported Drumhead Savoy. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Improved Large American Drumhead—The largest heading sort, of excellent flavor, short stock; compact grower and excellent keeper. Per pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.75.

Large German Drumhead—A large headed Savoy cabbage, tender and fine flavored. A good winter variety. Per pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.75.

Largest French Drumhead—Heads very large, less curly than the preceding, but solid and heavy and a good keeping variety. Per pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.75.

Dwarf Ulm—Choice, head firm but small, very crisp, curly and fine flavored. Per pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.75.

RED CABBAGE

Extra Early Red Dutch Erfurt—Of a very dark, blood-red color, valuable for pickling. Per pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.75.

Large Late Deep Red Dutch Drumhead—For pickling, solid and of deep blood-red color, heads very hard and solid. Per pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.75.

Mammoth Red Rock—A selected strain of late red cabbage, the heads will average 12 pounds each. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.



Mammoth Red Rock Cabbage

Carrots . . .

German—Möhre. French—Carrotte.

One ounce of seed will sow 100 feet of drill. Four pounds required for one acre.

CULTURE.—The Carrot, like other root crops, delights in sandy loam, richly tilled. For early crops sow in spring as soon as the ground is in good working order; for later crops they may be sown any time until the middle of June. Sow in rows about 16 inches apart, thinning out to three or four inches between the plants. In field culture, when grown for horses or cattle, the rows should be two feet apart, so that the crop can be worked by the horse cultivator. As carrot seed is slow to germinate, all precautions must be taken to have the ground in good growing order.

Improved Scarlet Intermediate (Stump Rooted)—This is certainly the best main crop carrot. It is one of the most uniform in shape, and where the soil is favorable it will always grow clean and free from side roots. The core is small and very tender, and there is no indication of woody character at any stage of its growth. It is also entirely free from any coarse, rank flavor so common with many sorts. (See cut.) Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

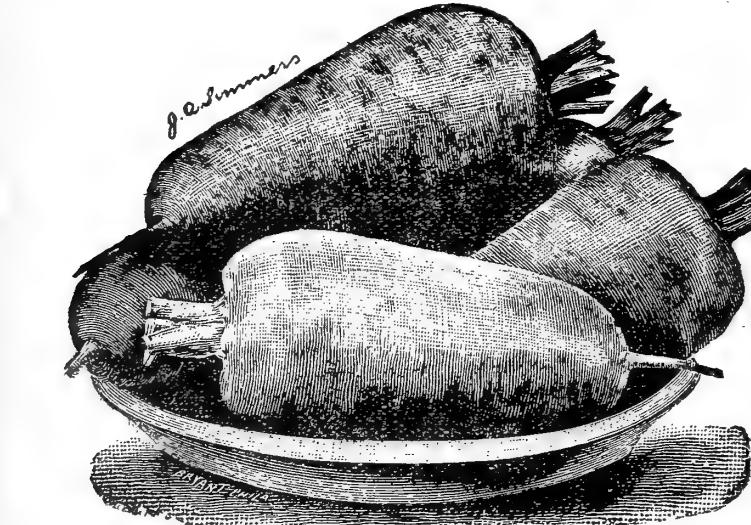
Ox-Heart or Half-Long Guerande (Stump Rooted)—Intermediate between the half-long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality, and very productive. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 80c, lb \$1.00.

Chantenay, Half-Long Scarlet—This is the best early carrot in existence, one which market gardeners should plant for their main early crop. The carrots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and are not apt to crack open while growing. An excellent table sort, and a heavy cropper. Our seed is most carefully selected. Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Early Scarlet English Horn or Half-Long—Very fine and sweet, pointed rooted. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 80c, lb \$1.00.

Early Very Short Scarlet or Golden Ball—French forcing, the earliest variety, almost as round as turnip radishes, and very sweet; ready for use about five weeks after sowing. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Improved Danver's Half-Long—It is of rich orange color, a very heavy yielder and splendid keeper. It is a first-class carrot for all kinds of soils, valuable both for table use and for stock. We have an extra fine strain of this favorite sort, which we have sold for many years, giving the greatest satisfaction to our customers. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.



Oxheart or Half-Long Guerande Carrot

Large Red Altringham—Large and fine flavored, grown for stock-feeding purposes. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Improved Long Orange—The well-known and popular old stand-by for late summer and winter use, grown extensively for feeding stock. Per pkt 5c, oz 10c, $\frac{1}{4}$ lb 20c, lb 60c.

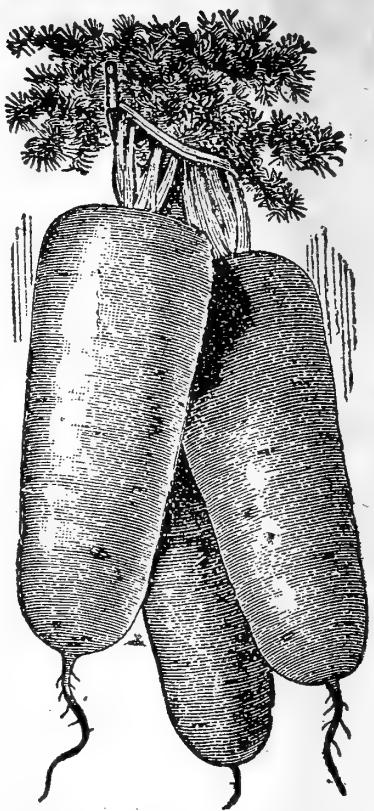
Simmers' Improved Giant Short White—This field carrot is especially suitable for shallow soil. In shape they very much resemble the Oxheart, excepting the roots grow more to a point. When other varieties require digging, our Giant Short White can be pulled. Flesh and skin are white, and it is considered by those who have grown it much better in quality than any other variety. Per pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 45c.

For Field Varieties of Carrots see Agricultural Seeds further on.

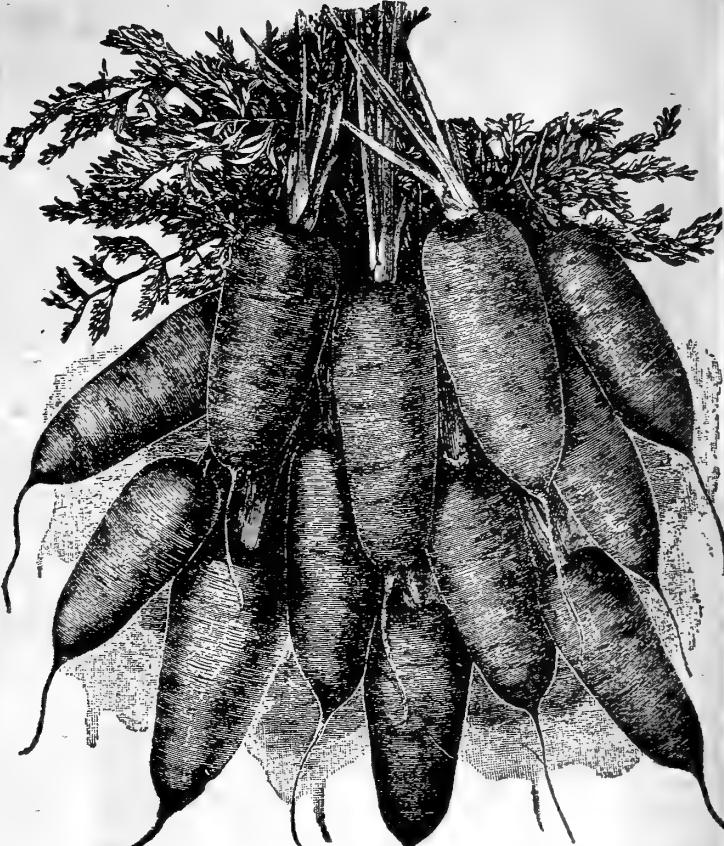
CARDOON

The mid-ribs of this vegetable are used while in a tender state, similar to Asparagus, and the young leaves in the form of Spinach. Sow early in May, in rows 2½ feet apart, and thin the plants out to 2 feet in the row. When the plants have attained their full size, bind them together with matting or twine, and earth them up like celery to blanch.

Large Spanish—Pkt 5c, oz 80c, 2 oz 50c, $\frac{1}{4}$ lb \$1, lb \$3.50.



Improved Danver's Half-Long Carrot



Improved Scarlet Intermediate Carrot

CRESS OR PEPPER GRASS

(One ounce will sow about fifteen square feet.)

CULTURE.—Sow thickly in shallow drills, very early in spring and every two weeks throughout the season; give occasional waterings. Two ounces will sow ten feet square three times. Use as salad before the flowers appear. Transplant the Water Cress, when well rooted, to the banks of a running stream.



Extra Curled Cress

EXTRA CURLED—Standard sort, very fine for salads, may be cut two or three times. Per pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 40c.

Broad Leaved—A large-leaved variety, fine piquant flavor. Per pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 40c.

Upland (Barbara Vulgaris)—Grown as Spinach and used exactly as Water Cress, which it so much resembles in taste that the difference is scarcely discernable, and its use should become more general, as it is of easy culture and earlier, and can be grown easily for two years without resowing. Per pkt 10c, oz 40c.

True Water—A well-known hardy perennial aquatic plant, grown abundantly along the margin of running streams. Per pkt 10c, oz 40c, 2 oz 75c, $\frac{1}{4}$ lb \$1, lb \$3.50.

CORN SALAD (Lamb's Lettuce or Fetticus)

CULTURE.—Sow about September or very early in spring, in drills half an inch deep and six inches apart, in rich ground. As the plants are for cutting when young, the seed may be sown pretty thin. Before the cold weather sets in protect with clean straw. It is cut during the winter and early spring for salads, and is most excellent as such.

Broad Leaved—Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

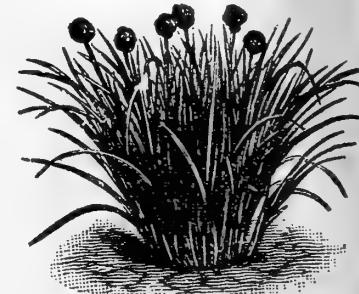
CHIVES

German—Schnittlauch.

Chives are perfectly hardy little perennial members of the Onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil they will grow readily, and in time increase so as to render a division necessary. The tops appear very early in spring and can be shorn throughout the season, hence this valuable little plant should have a place in every garden.

Seed of the above, per pkt 10c.

Roots—Per bunch 25c, postpaid.



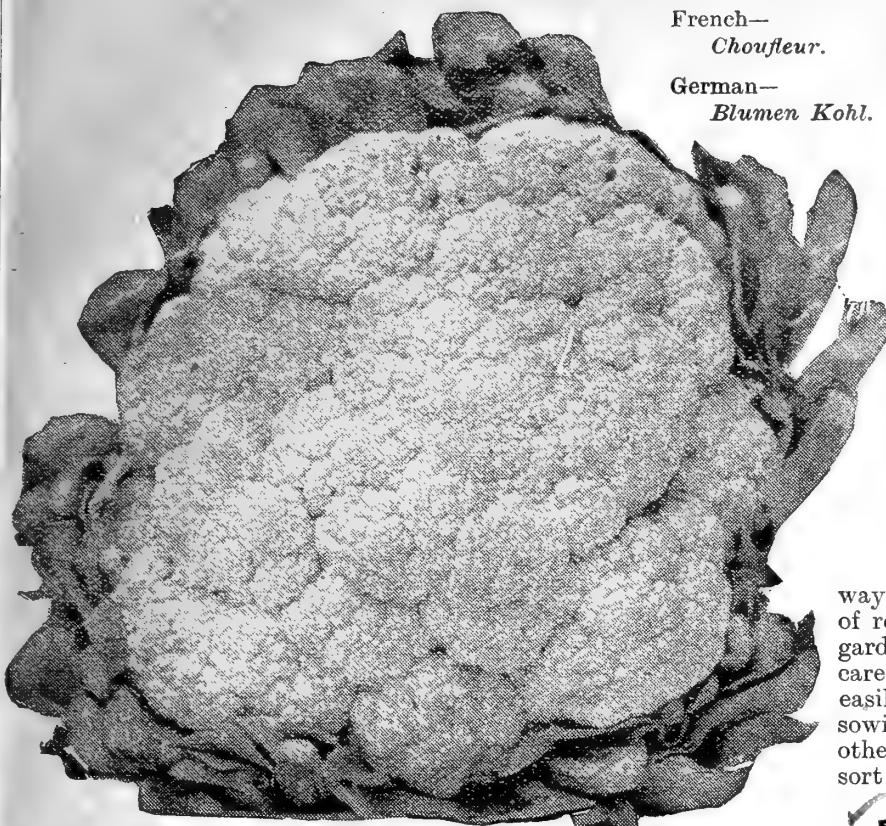
Chives

Special Offer, No. 3—Carrots

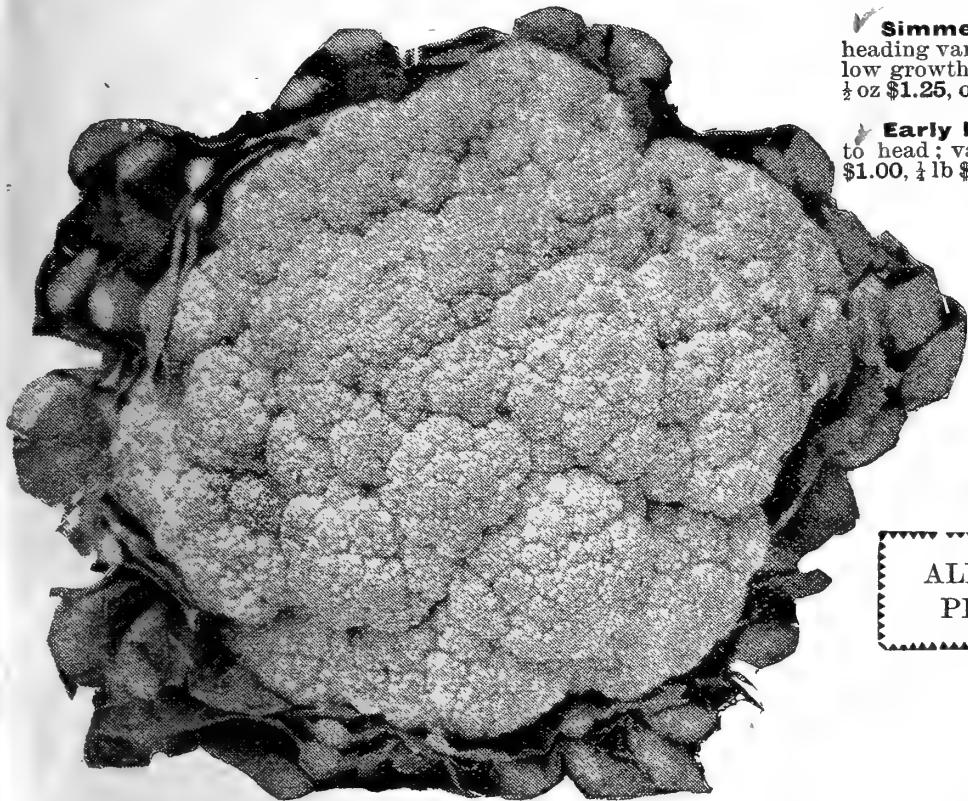
Very Short Scarlet or Golden Ball—Extra early	} One Packet Each
Oxheart or Guerande.....	
Scarlet Intermediate.....	
and Extra Curled Cress	

For 15c.,
Postpaid

French—
Choufleur.
German—
Blumen Kohl.



Simmers' "Gilt Edge" Cauliflower



Simmers' Extra Selected Early Dwarf Erfurt Cauliflower

German—
Kerbel.

Curled Chervil

French—
Cerfeuil.

CULTURE—A very rich herb, similar in growth and flavor to Parsley, and should not be wanting in any kitchen garden. It is sown and treated like Parsley, the directions for sowing which are given under that head. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{2}$ lb 30c, lb \$1.00.

German—
Caffewurzel.

Chicory

French—
Chicoree.

Culture same as Carrots.

Large Rooted Magdeburgh—Pkt 5c, oz 10c, $\frac{1}{2}$ lb 15c, lb 40c.

German—
Endivien.

Endive

French—
Chicoree.

CULTURE—For early use sow thinly in May, in drills 1 foot apart, and for a succession, every two or three weeks until mid-summer. A rather moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top, and draw up the earth around the plants.

Broad Leaved Imperial Batavian (Escarole)—It is chiefly used in soups. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{2}$ lb 50c, lb \$1.50.

Early Green or French Moss Curled—Very tender, hardy leaves, dark green and crisp. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{2}$ lb 50c, lb \$1.50.

Cauliflower

(One ounce of seed will produce about 3,000 Plants.)

For Plants of Cauliflower, Cabbage, etc., see in Plant List.

CULTURE—When grown to perfection this is a most delicious vegetable, and well repays generous treatment in cultivation. With a deep, rich soil and an abundance of moisture, which in dry seasons must be applied artificially, Cauliflower can be grown well. Frequent and vigorous hoeing, and a liberal supply of rich, liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor. It facilitates blanching if the leaves are gathered loosely together and tied over the top of the head. For sowing the seed, the same general directions as recommended for Cabbages will answer for this crop.

Waxy Cheeked

Simmers' Gilt Edge—We confidently recommend this as the finest Cauliflower in the world; and it is so pronounced by all growers who have had it. It is of very dwarf, erect habit, with short outer leaves. It can be planted less than two feet apart each way. It is a sure header, every plant forming a large, solid, perfect head of remarkably pure white color, of the finest table quality. All family gardeners should bear in mind that our seed of the "Gilt Edge" is so carefully selected that from it a crop of Cauliflower can be grown as easily as a crop of Cabbage. It is a surer header, either for early or late sowing, and can be left longer in the field without decaying than any other sort. It matures immediately after "Snowball," but is a heavier sort. Pkt 25c, $\frac{1}{2}$ oz \$1.15. $\frac{1}{2}$ oz \$2.25, oz \$4.00.

Early Snowball—The earliest and most reliable in heading, of dwarf habit, with very short outer leaves, allowing it to be planted close together. Per pkt 20c, $\frac{1}{2}$ oz 65c, $\frac{1}{2}$ oz \$1.25, oz \$2.25, 2 oz \$4.00, $\frac{1}{2}$ lb \$7.50.

Simmers' Extra Selected Early Dwarf Erfurt—One of the earliest heading varieties in cultivation, small leaved, for forcing or open ground; of low growth. Extra superior quality of German seed. Per pkt 20c, $\frac{1}{2}$ oz 70c, $\frac{1}{2}$ oz \$1.25, oz \$2.50, 2 oz \$4.75, $\frac{1}{2}$ lb \$9.00.

Early Demi-Dur or Half Early Paris—Best for general crop and sure to head; valuable for market gardeners. Per pkt 5c, $\frac{1}{2}$ oz 85c, oz 60c, 2 oz \$1.00, $\frac{1}{2}$ lb \$1.75.

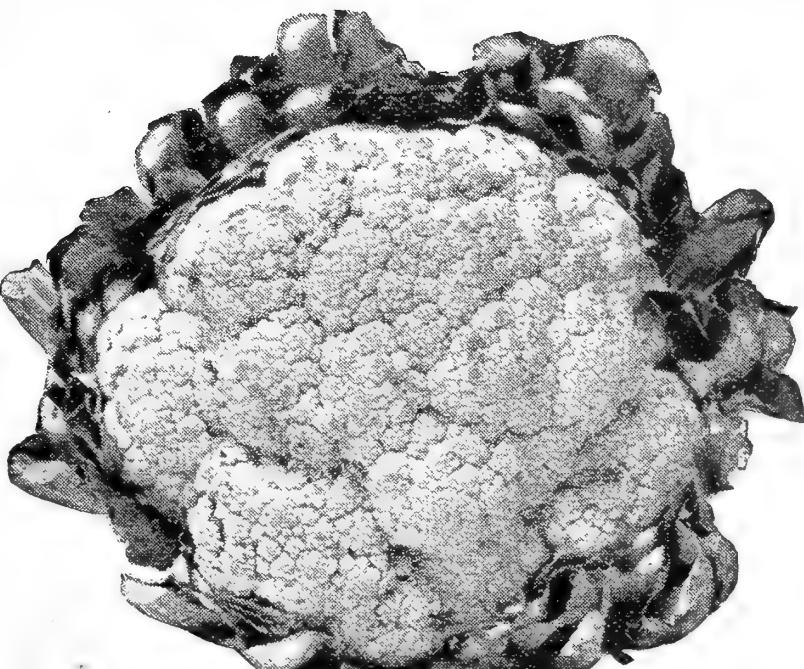
Late Erfurt Market—An early, large and very fine German variety; well suited for this climate. Per pkt 10c, $\frac{1}{2}$ oz \$1.00, oz \$1.50, 2 oz \$2.50, $\frac{1}{2}$ lb \$4.50.

Large Late Le Normand—Short stemmed, produces very close and uniform head, well protected by the foliage, hardy, and stands dry weather. Per pkt 5c, $\frac{1}{2}$ oz 35c, oz 60c, 2 oz \$1.00, $\frac{1}{2}$ lb \$1.75.

Large Late Algiers—An excellent favorite, late variety. Per pkt 10c, $\frac{1}{2}$ oz 70c, oz \$1.25, 2 oz \$2.25, $\frac{1}{2}$ lb \$4.00.

Late Italian or Autumn Giant—Attaining enormous dimensions; heads beautifully white, large, firm and compact. Per pkt 5c, $\frac{1}{2}$ oz 30c, oz 50c, 2 oz 80c, $\frac{1}{2}$ lb \$1.50.

ALL OUR CAULIFLOWER ILLUSTRATIONS ARE
PHOTOGRAPHED FROM ACTUAL SPECIMENS.



Early Snowball Cauliflower

SIMMERS' CELERY . . .

German—Selleri. French—Celeri.

Buy the Latest Book on Growing Celery, "CELERY FOR PROFIT," by T. Greiner. Price 30c.
First-Class Seeds, of Equal Quality, Cannot be Bought Anywhere for Less Money.
We Know that SIMMERS' SEEDS are the BEST that Grow.

(For Celery Plants see end of Vegetable List.)

One ounce will sow a bed of nine square yards, and produce about 2,500 plants.—Sow the last of March or early in April, in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed, the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stalky. When the plants are five or six inches high transplant, the dwarf varieties 3 feet and the taller sorts 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling"; after the soil has been drawn up with the hoe, it is drawn closer around each plant with the hand, to keep the leaves firm in an upright position and to prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plough and finishing it with a spade, bringing the earth up nearly to the top of the plants. If it is intended to store away for winter use, the "handling" process is all that is necessary, as the blanching will be done in the trenches. To store for winter use, select well-drained ground, dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

✓ **Paris Golden Yellow or Self-Blanching**—The heart is of a beautiful golden yellow color, very large, crisp and solid, keeping well all winter. It is entirely self-blanching without any covering whatever. Per pkt 10c, oz 50c, 2 oz \$1, 1 lb \$1.50, lb \$6.

✓ **Rose Ribbed Paris Golden Self-Blanching**—The general color is about identical with Golden Self-Blanching, except that the naturally golden-colored stalks are suffused with a warm rosy hue, which gradually fades towards the top of the stalks, where it assumes a bright golden color when properly blanched and fit for the table. Price pkt 10c, oz 40c, 2 oz 75c, 1 lb \$1.25.

✓ **Giant Pascal**—It is of a fine nutty flavor, being entirely free from any bitter taste. It grows about 2 feet high; the stalks are very broad, thick and crisp, and entirely stringless; it bleaches with slight earthing up. Per pkt 5c, oz 15c, 2 oz 30c, 1 lb 50c, lb \$2.

✓ **Giant Golden-Hearted Dwarf**—An excellent Dwarf White variety, with fine nutty flavor, growing to a large size and keeping well all winter. Per pkt 5c, oz 15c, 2 oz 30c, 1 lb 50c, lb \$2.

✓ **Sandringham, or Prince of Wales Dwarf White**—An excellent dwarf-growing, very solid and crisp variety. Per pkt 5c, oz 15c, 2 oz 30c, 1 lb 50c, lb \$2.

✓ **New Rose**—The color is a beautiful shade of rose; of exceptionally fine flavor, solid, crisp. Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

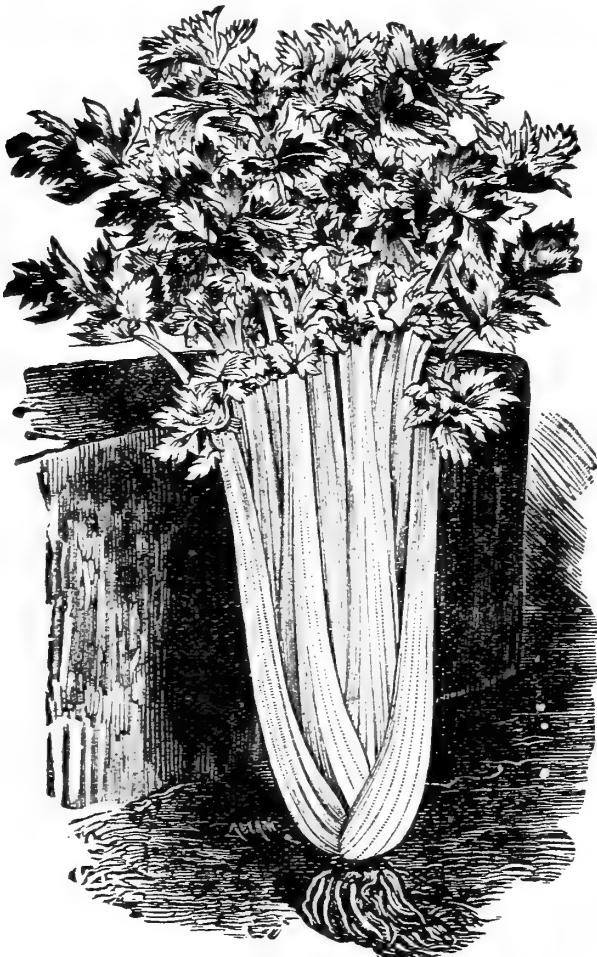
✓ **Seymours' White Giant**—A good, very large variety, clear white, solid and crisp. Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

✓ **White Solid**—Good for general crop, fine nutty flavor, entirely free from hollow stems. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

✓ **Carter's Incomparable Dwarf Crimson**—Keeps well, and is of a fine, nutty flavor. Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

✓ **Turnip-Rooted Erfurt Giant, or Celeriac**—Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

✓ **Flavoring Celery**—Per oz 5c, 1 lb 15c, lb 40c.



Paris Golden Yellow or Self-Blanching

SIMMERS' IMPERIAL—This variety is not a sport or hybrid, white or yellow, but a green Celery of the old familiar kind. When fully grown the outer stalks average two inches wide and are nearly as thick as a man's finger. The immense stalks can be sliced lengthwise, and are always very crisp and brittle, snapping like glass. After growing to a great size it lends itself readily to the blanching process, assuming a rich yellow tinge in the heart, and presenting a very attractive appearance. Pkt 10c, oz 40c, 2 oz 75c, 1 lb \$1.25.

✓ **Simmers' Special Dwarf White Winter**—Solid, crisp, of excellent flavor, one of the best white varieties. The past season has again proved this celery to be the best adapted for the home or market on account of its dwarf habit and walnut flavor and keeping well until spring. Per pkt 10c, oz 40c, 2 oz 75c, 1 lb \$1.25.

✓ **Simmers' Large Ribbed Dwarf White**—Perfectly distinct and of a beautiful cream-white color; attains a very large size, is of quick growth, stiff, close habit, the outer ribs standing straight and perfect; a very solid, crisp-eating and delicious variety, keeping well until spring. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1, lb \$3.

✓ **White Plume**—Leaves somewhat like an ostrich feather, requires no banking up to blanch; highly recommended to all who wish to procure a first-class celery for early use. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.

✓ **Pink Plume**—Similar to White Plume, except that the stalks are delicately marked with pink. It also has the rich, nutty flavor of the red celeries. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

SPECIAL OFFER, NO. 4—CELERY

White Plume—Early.

Paris Golden Yellow—Medium.

Simmers' Large-Ribbed Dwarf White—Late.

One Packet of Each
For 15 Cents.

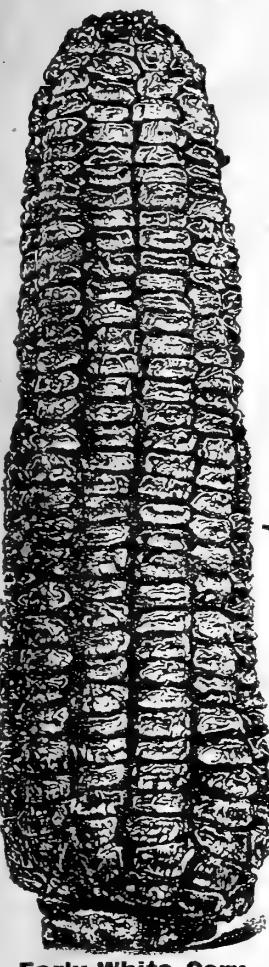
Simmers' Special Dwarf White Winter Celery, the best in cultivation for market gardeners and private gardens.



Simmers' Imperial Celery

SIMMERS' SWEET CORN

For Table Use



Early White Cory

Cory, of the same character in all respects, except that it has a white cob and kernels. Per pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Early Minnesota—One of the best early varieties, and of good quality. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 10 lbs 80c.

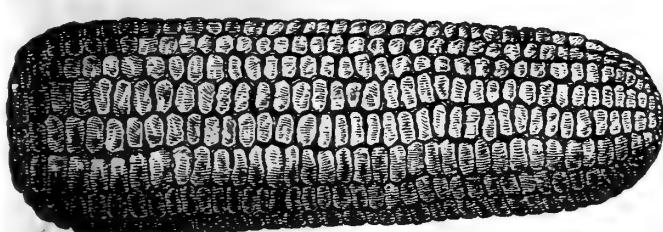
Early Crosby Sweet—One of the largest early, rich sugary flavor, very productive. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 10 lbs 80c.

Black Mexican Sweet—A black grained variety, sweet and tender. Must be cooked young to avoid blackening when cooked. Pkt 5, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 85c.

MEDIUM EARLY VARIETIES

IMPROVED NE PLUS ULTRA (Country Gentleman)—Sweet and tender and most productive, the stocks averaging three ears, sometimes as many as five; kernels and cobs are pure white. Pkt 5c, pt or lb 10c, qt 20c, 5 lbs 45c, 10 lbs 80c.

Perry's Hybrid Sugar—Second early, with large ears, white, deliciously sweet and tender. Our stock for 1902 is selected. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 50c, 10 lbs 90c.

Perry's
Hybrid
Sweet

Triumph—Said to be the earliest of the large varieties, flavor rich and sweet. Per pkt 5c, pt 15c, qt 25c, 5 lb 50c, 10 lbs 90c.

Honey Sweet—A most productive variety, bearing three to four good large ears on a stalk, growing vigorously, and coming in as early as Moore's Concord. Per pkt 5c, pt 10c, qt 20c, 5 lbs 45c, 10 lbs 80c.

Moore's Early Concord Sweet—One of the largest early varieties. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 10 lbs 80c.

The Three Best Sorts of SWEET CORN For Succession:

EARLY WHITE CORY

PERRY'S HYBRID

STOWELL'S EVERGREEN

To secure a further succession, we consider the following the most suitable sorts: **EARLY MINNESOTA, MOORE'S EARLY CONCORD, COUNTRY GENTLEMAN**

N.B.—Special quotations given to canners and others requiring corn in quantities. One pound will plant about 10 hills; one peck, one acre in hills.

EARLY VARIETIES

Simmers' First of All—Earliest of all, ready three days to a week earlier than Cory; in habit of growth it is more dwarf and of superior quality, very sweet and tender; a large number of the ears have 10 to 12 rows, while the Cory generally has 8 rows. Per pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 85c.

Mammoth White Cory—This strain is nearly as early as the original Cory, while the ears are of larger size. The cobs being white, the grains are entirely free from the dark tinge noticeable in the original strain. The ears retain the pearly whiteness of the grains when cooked. Per pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Sheffield—A new extra early hardy variety, the result of a cross between the Cory and the Extra Early Adams, combining not only the merits of these varieties, but is superior to either. Can be planted as early as the Adams, as the young plants will withstand slight frosts. Juicy and of fine, sweet flavor if gathered at the proper stage. For an early garden variety, or for early market, it is a desirable acquisition. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Kendel's Early Giant—The ears grow to a very large size. Kernels pure white, sweet and tender. Pkt 5c, lb 15c, qt 25c, 5 lb 60c, 10 lb \$1.10.

Nonsuch Sugar—Medium early, wonderfully productive, but above all, of the finest flavor. Per pkt 5c, pt 15c, qt 25c, 5 lb 50c, 10 lbs 85c.

Early Red Cory—Very sweet and of rich flavor; desirable for private or market gardens. Extra early. Per pkt 5c, lb 10c, qt 20c, 5 lbs 45c, 10 lbs 80c.

Early White Cory—A selection of the Cory, of the same character in all respects, except that it has a white cob and kernels. Per pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Early Minnesota—One of the best early varieties, and of good quality. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 10 lbs 80c.

Early Crosby Sweet—One of the largest early, rich sugary flavor, very productive. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 10 lbs 80c.

Black Mexican Sweet—A black grained variety, sweet and tender. Must be cooked young to avoid blackening when cooked. Pkt 5, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 85c.



LATE VARIETIES

Early Evergreen—This distinct new strain possesses the characteristics which have made Stowell's Evergreen so deservedly the favorite for main crop, but produces ears fit to use from one week to ten days earlier. While about one-third smaller, the ears are of typical Stowell's type and of the same fine quality. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

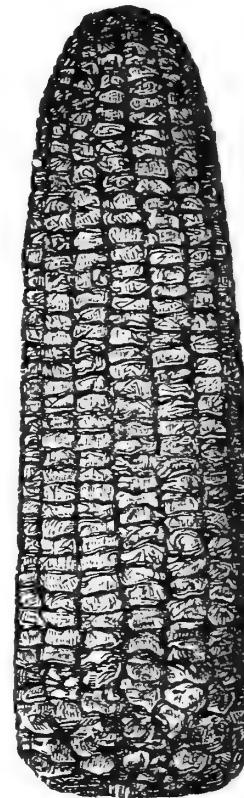
Zig-Zag Evergreen—It comes in about eight days ahead of Stowell's Evergreen; the kernels very much resemble this variety, but grow on the cob in zig-zag fashion. Pkt 5c, lb 15c, 2 lbs 25c, 5 lbs 50c, 10 lbs 90c.

STOWELL'S EVERGREEN—Large ears ripening late, most delicious. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 50c, 10 lbs 90c.

Egyptian Sweet, or Washington Market—A fine large variety, somewhat resembling the Evergreen. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 10 lbs 85c.

Mammoth Sweet—An excellent variety, producing unusually large and perfect ears. Pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 10 lbs 85c.

Tuscarora White—This is a late variety, with large ears and flour-white kernels. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 10 lbs 80c.



Stowell's Evergreen

POP CORN

Pearl—Smooth-grained ears. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 10 lbs 75c.

White Rice—A very early, fine, white variety, kernel pointed. Per pkt 5c, lb 10c, qt 20c, 5 lbs 40c, 10 lbs 75c.

French—Chou.

COLLARDS

German—Blätter-Kohl.

Georgia, Southern or Creole—Sow thick in drills, in rich ground, transplanting them when four inches high, or sow in drills where the plants are to remain, and thin to two or three feet apart in the row, when the proper size. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

Loewenzahn.

DANDELION

Dent-de-Lion.

Dandelion is fast becoming the favorite spring green on the market.

Thick-Leaved—An improvement on the common sort, the leaves being double the size. Pkt 10c, oz 40c.

EGG PLANT

(One ounce will produce 1,000 plants.)

CULTURE.—Sow in a hotbed for early crops, or very early in the spring in shallow drills in a warm, sheltered, dry situation, in the open ground, and protect by hand glasses. Transplant when warm weather sets in into well-enriched ground 12 inches apart and 20 inches from row to row. The fruit, when ripe, is sliced, well spiced and fried.

The Pearl—As

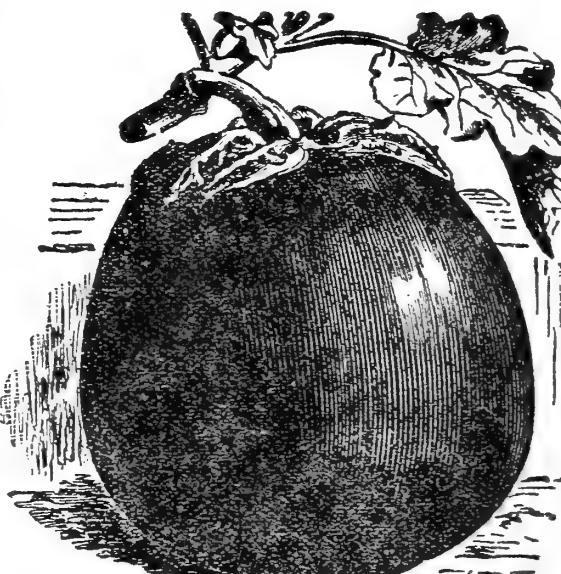
large and fine as ever seen of any variety, with an attractive pure white skin, and the fruits are of finest quality either baked or fried. Pkt 10c, oz 50c.

The New York Improved Large Purple Thornless—Very choice, round, of deep color and large fruit. Plant robust. Pkt 10c, oz 50c.

Long Purple—Good for general use, very hardy, early and productive. Pkt 5c, oz 30c.

Long White—Very fine, highly ornamental. Pkt 10c, oz 60c.

Early Purple Dwarf—About 3 to 5 weeks earlier than any other variety. Pkt 10c, oz 50c.



Egg Plant, New York Improved Thornless

SPECIAL OFFER, No. 5

One packet each of the 3 kinds, postpaid, 15c; at buyer's expense, —
One pint " " " " 45c; " " " 35c
One quart " " " " 85c; " " " 55c

Cucumber

Simmers' Improved Extra Early White Spine—This Private Strain of Extra Early White Spine is, beyond a doubt, the most thoroughbred, uniform and shapely variety known. We recommend it not only for first early but for general crop. It excels in earliness, often being ready for slicing when other sorts are only pickles. In purity it is unequalled. The vines are vigorous growers. It is an excellent variety for slicing and makes a choice pickle; straight and smooth; a great bearer, keeps green much longer than the yellow varieties, and no sort excels it in crispness and fine flavor. Selected seed. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

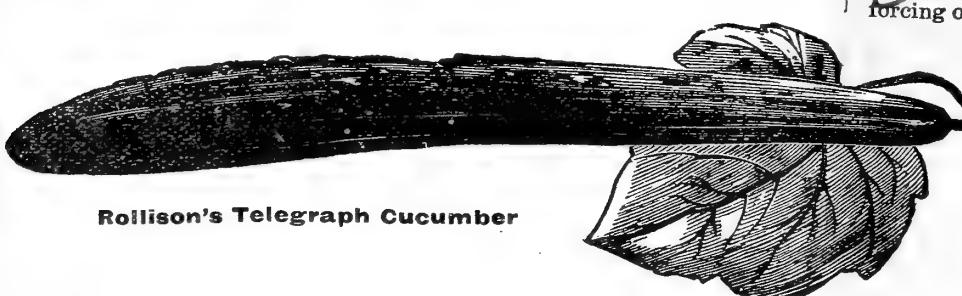
The Emerald—This variety is strictly an evergreen, holding its color until fully ripe. It is very attractive in its rich dark green color and spineless skin. The flesh is crisp and tender; highly recommended for slicing. Makes an excellent pickle when young and a fine sweet pickle when matured. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Simmers' Improved Long Green—The best for general crop; fine, long fruit, firm and crisp. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Early Frame—An old and popular variety of medium size, straight and handsome. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Westerfield's Chicago Pickling—It is exceedingly prolific, bearing small, well-formed fruit, covered with spines, and of an unusual deep green. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Paris Pickling—The best of all in quality for pickling. The young cucumbers, when of the proper age for pickling, are slim and tender, from 3 to 5 inches in length. When ready for pickling they show absolutely no sign of seeds, and are of an unusual dark green color. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.



Rollison's Telegraph Cucumber

White Wonder—About 8 inches long; the skin is thin, while the pearly white flesh is exquisitely fine in quality, quite brittle and remains solid for a long time. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Cool and Crisp—While primarily a pickling variety, it is also most useful for slicing, the cucumbers when fully matured being of good size and exceedingly tender and crisp. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Early Cluster—A short prickly variety, bearing in clusters and very prolific. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Japanese Climbing—While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit. The quality is splendid and well adapted for pickling as well as for slicing. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Livingstone's Evergreen—A very strong grower, but extra early, and the best in flavor, bearing firm, crisp fruits, either for pickling or slicing. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Nichol's Medium Green—As a pickle for early forcing purposes or for slicing there is no better variety. It is exceedingly productive of medium size, always straight and smooth. The color is dark green, the flesh tender and crisp. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Siberian—The earliest sort in cultivation, producing cucumbers 5 inches long in about 8 weeks. It is very productive and valuable for forcing. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

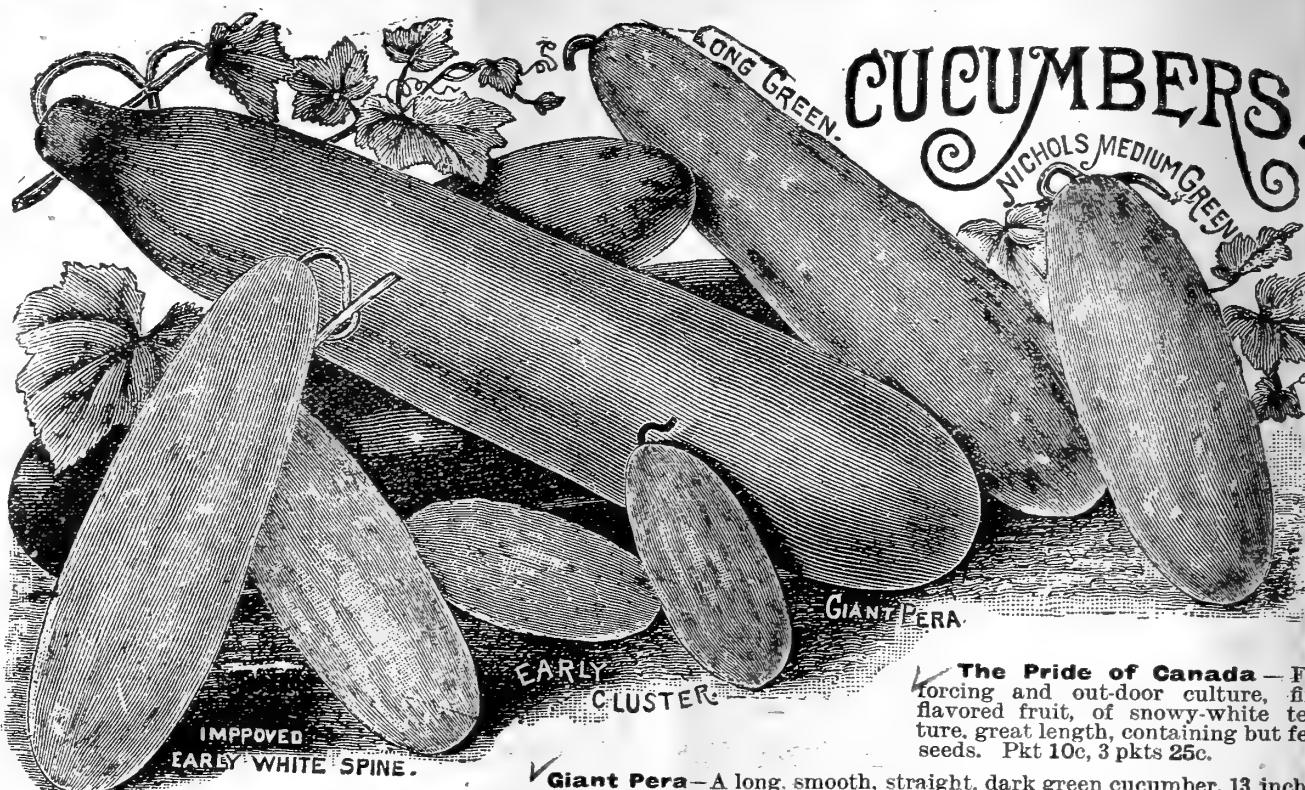
Boston Pickling or Green Prolific—One of the best for pickling, uniform size. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Early Russian or Moromian Gherkin—Producing fruit 3 to 4 inches long, in great abundance and in a very short time; superior to any other, flavor good. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

German—*Gurken*.

French—*Concombre*.

Our Cucumber Seed is carefully Selected Stock Seed, pure and true to name. One Ounce will plant Fifty Hills. Two Pounds will plant One Acre.



The Pride of Canada—Forcing and out-door culture, fine flavored fruit, of snowy-white texture, great length, containing but few seeds. Pkt 10c, 3 pkts 25c.

Giant Pera—A long, smooth, straight, dark green cucumber, 13 inches long. Flesh white, crisp, tender and free from all bitterness. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

West India Gherkin or Burr—Only for pickling. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.00.

ENGLISH SORTS—For Hot-Beds and Greenhouses

The Model—A very choice variety of recent introduction, producing handsome cucumbers of wonderful size. Pkt 20c, $\frac{1}{4}$ oz \$2.00.

Blue Gown—A very fine black spined variety, 18 to 24 inches long and smooth. Pkt 20c, $\frac{1}{4}$ oz \$2.00.

Marquis of Lorne—A highly esteemed variety of handsome form and fine flavor, 24 to 30 inches long. Pkt 20c, $\frac{1}{4}$ oz \$2.00.

Rollison's Telegraph—Very prolific, early, crisp and of superior quality. Pkt 20c, $\frac{1}{4}$ oz \$1.50.

Mixture—Of the foregoing English sorts. Highly recommended for forcing or outdoors. Pkt 10c, $\frac{1}{4}$ oz \$1.25.

German—*Knoblauch*. **GARLIC** French—*Ail*.

Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring in rows 1 foot apart, and from 1 to 2 inches in the rows.

Garlic Sets—Per oz 5c, lb 20c, postpaid 25c; 5 lbs \$1.00 postpaid.

GOURDS

Japanese Nest Egg—These exactly resemble in color, shape and size, the eggs of hens, making a capital nest egg, which are superior to glass eggs, as they do not crack or break, and are uninjured by cold or wet. As the plant is a very rapid grower, it is very useful for covering screens, etc. Pkt 5c, oz 25c.

Dipper—Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles 6 to 12 inches long. They are convenient for dipping hot liquids, etc. Pkt 5c, oz 25c.

Lufta or Dish Rag—A native of the East Indies, and in its nature furnished us with a vegetable dish cloth, the seeds being enveloped in sponge-like cloth, which is tough, elastic and durable. Pkt 5c, oz 25c.

Sugar Trough—Very useful for baskets, dishes, buckets, etc, etc. They have hard, thick shells, lasting for years, and capable of holding from 2 to 10 gallons each. Pkt 5c, oz 25c.

Mixture—A collection of the most ornamental, including all the above. Pkt 10c, 3 pkts 25c, 7 pkts 50c.

HORSE RADISH

Sets—(Good strong ones) ready for sale at any time. 10c each, 4 for 25c, 75c a doz.

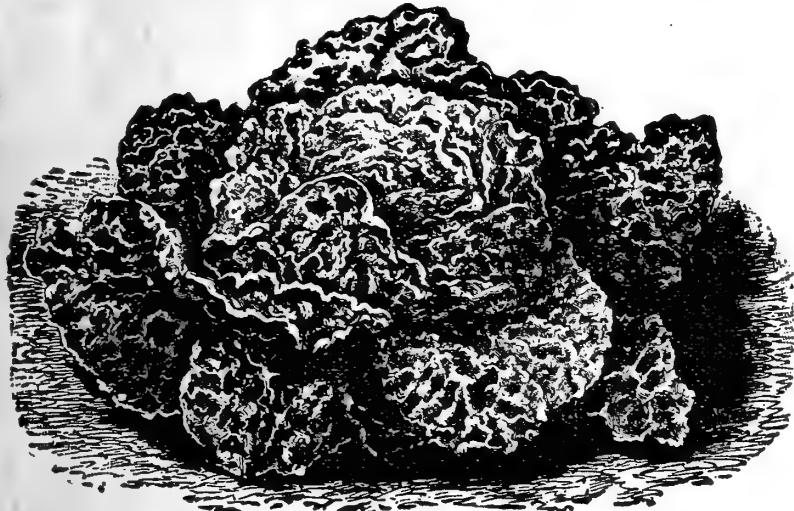


LETTUCE

(One ounce will sow 100 feet of drill.)

CULTURE—Lettuce requires a good soil in order to obtain the crispness, juiciness and delicate flavor for which they are so much esteemed. Several sowings are requisite during the season. The first may be obtained in a hot-bed in February. A sowing may be made in the open ground as soon as it can be worked, after this every two weeks until July if a constant succession is required. Sow thinly, in drills or broadcast, quarter of an inch deep, and transplant one foot apart in the richest soil. Hoe frequently, and in dry weather water plentifully.

✓ **Simmers' Nonpareil Cabbage**—This remarkable variety, first introduced by us a few years since, has rapidly grown in popularity among gardeners, who all agree in pronouncing it not only the best lettuce they have ever grown or forcing under glass in hot-bed and greenhouse, but equally valuable for growing in cold frames and in open ground during the hottest summer months. It is a beautiful light yellowish green color and of very superior even quality. It has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled by any other lettuce. It is the shyest seeder and slowest to shoot to seed of any lettuce we have ever grown. It is decidedly the best and easiest grown of all lettuces for both the family and market gardener. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.00.



Golden Queen, First Early Head Lettuce

✓ **"Wonderful" Lettuce**—It is a very large head variety, excellent for furnishing fine, crisp, well-blanced lettuce during the hot summer months. The heads are large, tightly folded, and the inner leaves blanched to a pure white. Heads stand for quite a long time, even in hot summer weather, before running to seed. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb \$1.00.

✓ **Golden Queen**—A very desirable early variety of a most pleasing golden yellow color, and second to none for forcing. It is very crisp, tender and juicy. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.

✓ **Grand Rapids**—Of handsome appearance, a strong grower, very crisp and tender and not apt to rot, and will keep from wilting longer than any other. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.

✓ **Hanson**—Producing heads of a remarkable size, tender and crisp, beautiful green without and white within, heads sometimes weighing 2½ to 3 lbs. Pkt 5c, oz 10c, 2 oz 20c, 1 lb 30c, lb \$1.20.

✓ **The Gardeners' Favorite**—One of the best heading varieties, suitable either for forcing or outdoor cultivation; heads large and solid. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

✓ **Toronto Market**—Heads large, very solid and good flavored; color yellowish-green, and suitable for forcing and open air cultivation. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.



"Wonderful" Lettuce

German—*Lattich Salat.*

French—*Laitue.*



Simmers' Nonpareil Cabbage Lettuce

✓ **Green Curled Silesian**—A very ornamental and most beautiful variety, of a very delicate shade of green, with the inner part of the leaves white; the edges are beautifully cut and fringed. Pkt 5c, oz 10c, 2 oz 20c, 1 lb 80c, lb \$1.20.

✓ **Big Boston**—Similar to the famous Hanson Cabbage Lettuce, but double the size. Its solidity and greater size make it a most desirable variety. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.

✓ **New Cos Celery Lettuce—Trianon Self-Closing**—The long, narrow leaves, which form solid heads almost like a Wakefield Cabbage, bleach and quickly become snowy white. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

✓ **Paris White Cos**—Tender and crisp; should be tied up to ensure blanching. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.

✓ **Paris Green Cos**—Hardy and tender, one of the best of the Cos varieties. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.

✓ **Denver Market**—Large solid heads of a good light green color. The leaves are blistered like the Savoy Cabbage, very crisp, tender and of excellent flavor. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.

✓ **Silverball Cabbage**—The head is of an attractive silvery white color, very rich, buttery and of most delicious flavor. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.00.

✓ **Green Fringed or California Curled**—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.

✓ **Tennis Ball**—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

✓ **Drumhead or Maltese Cabbage**—Pkt 5c, oz 10c, 2 oz 20c, 1 lb 80c, lb \$1.00.

✓ **Victoria Red-Edged Cabbage**—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.

KOHL RABI

German—*Kohl Rabi*. French—*Chou-rabe*.

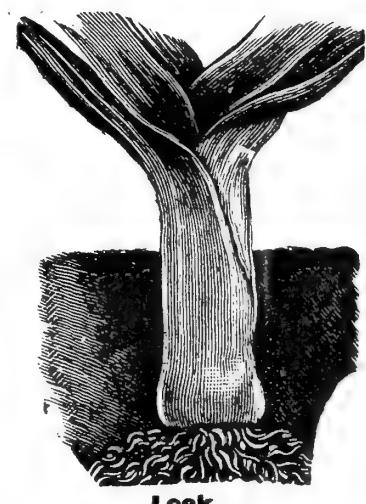
A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seeds in rows in May, June and July, according to latitude. In this district we sow through June for succession, in rows 18 inches apart, thinning out to 8 inches between the plants. It is rather difficult to transplant and it is generally preferable to sow the whole crop from seed and thin out where it stands, although when the weather is favorable the thinnings may be planted at the distances above mentioned.

✓ **Early White Vienna**—Flesh white and tender, best market sort, excellent for table use. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.00.

✓ **Early Purple Vienna**—Similar to the preceding except in color. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.00.



Kohl Rabi



Leek

German—*Lauch*. French—*Poireau*.
(One ounce will sow a drill of about 100 ft.)

CULTURE—The leek is very hardy and easily cultivated; it succeeds best in light but well-enriched soil. Sow as early in spring as practicable, in drills one inch deep and one inch apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

✓ **Large Scotch or Broad Leaved Flag**—Pkt 5c, oz 15c, 2 oz 20c, 1 lb 80c, lb \$1.00.

✓ **Large Musselburgh or Monstrous Carentan**—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.

Special Offer No. 6

4 BEST LETTUCE

Nonpareil Cabbage

Grand Rapids

Wonderful

Golden Queen

Each 5c a pkt or the 4 for 15c.

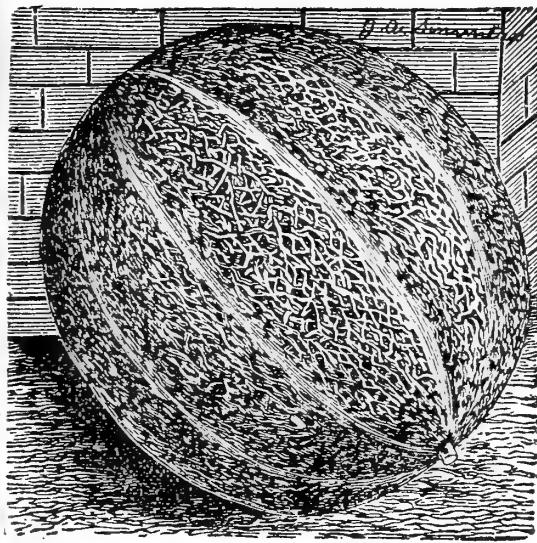
Simmers' Muskmelons

German—*Melonen*.
French—*Melon*.

(One Ounce Will Plant About Eighty Hills.)

CULTURE—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Muskmelons, 8 feet for Watermelons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure on each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over thin out to 3 plants per hill. When about one foot long pinch off the tips to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them as they will hybridize. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.

Paul Rose, or Petosky—In this sort we have a Melon that will give perfect satisfaction to all growers, both for market and home garden. It is a cross between the Osage and the Netted Gem, combining the sweetness of the former with the fine gray netting of the latter, making it a handsome Melon. The fruit averages about five inches in diameter, and is oval in form. The flesh is thick and firm, a deep salmon or orange color, most delicious and appetizing. It is a fine shipping variety, and is generally sent out in baskets or crates, and is being sought after by all the leading markets of the country. Pkt 5c, oz 15c, 2 oz 20c, 1/2 lb 30c, lb \$1.



Paul Rose Muskmelon

raise, to grow the handsomest possible melons for exhibition, or extra large fine melons for market, we highly recommend the Dominion Green Flesh. Per pkt 10c, oz 40c, 2 oz 60c, 1/2 lb 90c, lb \$3.

Tip-Top—Quite distinct in appearance, this new Melon is of the finest quality. Flesh yellow, sweet, juicy and firm, but not hard fleshed. Fruit ribbed and beautifully netted, a very productive and excellent variety. Pkt 5c, oz 15c, 2 oz 20c, 1/2 lb 80c, lb \$1.

Perfected Delmonico—The Melons average about 6 inches in diameter, have a very small seed cavity, and are exceedingly thick and heavy for their size. The flesh is a deep rich orange-yellow color, and of very fine grain, without the slightest stringiness. A strong, hardy grower and very prolific. Pkt 5c, oz 15c, 2 oz 20c, 1/2 lb 30c, lb \$1.

The Newport—The Newport Melon, while small, is very deep fleshed, and of a dark green color. The Newport stands in the same relation to the green-fleshed melons that the Banquet does to the red-fleshed, in every respect the best. Per pkt 5c, oz 15c, 2 oz 20c, 1/2 lb 30c, lb \$1.



Simmers' Dominion Green Flesh

Princess—Nearly round in shape, heavily netted, dark green skin. The flesh is of a rich salmon color, thicker than in any other melon, and in flavor is sweet and luscious beyond description. They ripen early and grow to a good size, frequently weighing from 8 to 10 pounds each; vines grow vigorously and are very productive, often producing 6 to 8 perfect melons on a single vine. Per pkt 5c, oz 15c, 2 oz 20c, 1/2 lb 30c, lb \$1.

Skillman's Fine Netted—The best early kind, green flesh and luscious flavor. Pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.

The Banquet—A good medium-sized melon, very flat at both ends, and more beautifully netted than any other variety. In quality it is unequalled the flesh is uniformly deep, color dark rich salmon. It is undoubtedly one of the most beautiful and luscious melons. Per pkt 5c, oz 15c, 2 oz 20c, 1/2 lb 30c, lb \$1.

Emerald Gem—This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter-colored stripes. The flesh is thick, of a suffused salmon color. Specially recommended to those who wish a highly flavored fruit. Per pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.

Montreal Green Nutmeg—A beautiful, round, netted, deep-ribbed variety, luscious and sweet, ripening freely under ordinary care, and fruit of enormous size, sometimes weighing from 30 to 40 pounds. Per pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.

Extra Early Netted Gem, or Rocky Ford—Oval strain, one of the earliest, best and most prolific small melons. Oval shape, uniform in size, flesh light green, of very fine flavor, a popular variety with market gardeners as it is very uniform and an excellent shipper. Pkt 5c, oz 15c, 2 oz 20c, 1/2 lb 30c, lb \$1.

Jersey Belle—Although not quite as early as the Hackensack, does best on light soils, and will develop perfectly even on white sand. It is of beautiful shape, a little flattened on the ends, deeply ribbed and heavily netted, indicating, by its outward appearance, the exquisite quality of the beautiful green flesh within. Pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.

Early Hackensack—A variety of the green Muskmelon, growing to a large size, very productive and of exquisite flavor. Per pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.

Bay View—A large, prolific and fine-flavored green-fleshed melon; with ordinary cultivation this variety has produced melons weighing from 10 to 15 pounds. Pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.

Improved Christiana—The earliest Muskmelon known, green flesh, netted and exquisite flavor. Pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.

Persian or Casawba—Oblong, netted, green flesh, early, delicious flavor, recommended for garden. Pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.

Miller Cream or Osage—A remarkably good variety, of large size and delicious flavor, flesh rich salmon, very thick and solid. Per pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.

Early Yellow Cantaloupe—Very fine flavor, round, flesh reddish orange, an early and productive variety. Pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.

Surprise—Red flesh. Per pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.

Mango Melon (Vegetable Peach, Vine Peach)—The fruit is about the size of a large peach or orange, oval-shaped, and of a bright orange-yellow color, somewhat russetted outside, flesh is snow-white. For sweet pickles, pies or preserving they are superb. Pkt 5c, oz 10c, 2 oz 20c, 1/2 lb 30c, lb \$1.

Garden Lemon

Resembles the Vegetable Peach in growth and shape of fruit, but is distinct in that the unripe fruit is striped with very dark green, almost black, while the Vegetable Peach is plain, and when ripe is not russetted like the Mango Melon. Per pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 30c, lb \$1.

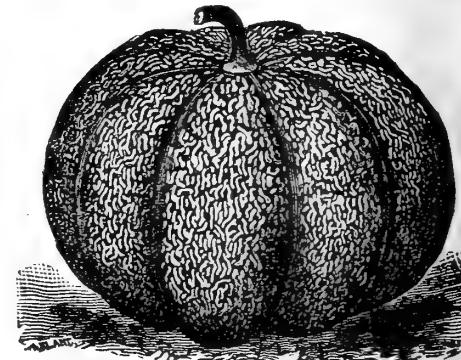
Citron

Citron—For preserves, striped and marble light green, flesh white and solid. Pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.

Colorado Preserving—Most prolific, flesh firm and solid, large size, preserving qualities the best. Pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 20c, lb 80c.



Extra Early Netted Gem, or Rocky Ford Muskmelon



Early Hackensack Muskmelon



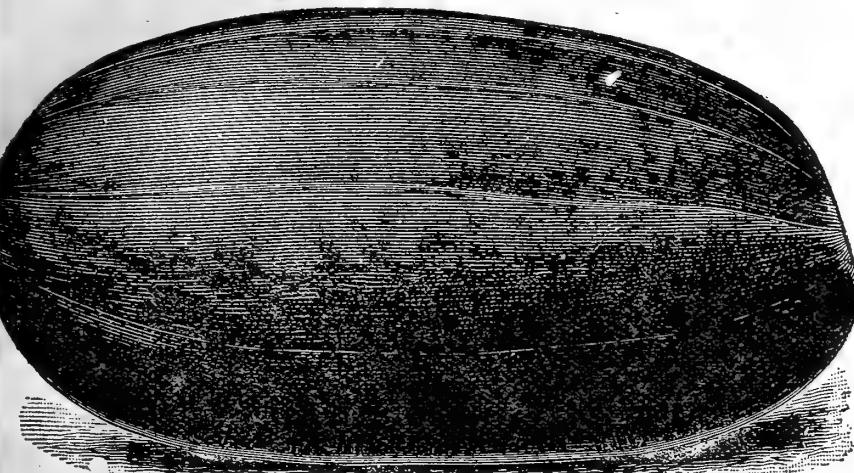
Citron, for Preserving

YOU TAKE NO RISK in ordering **SIMMERS' SEEDS** direct by mail and you have the great advantage of being able to select just what you want from this Complete Catalogue of all the Best Seeds.

German—
Wasser Melone.French—
Melon d'eau.

WATERMELONS

CULTURE—Same as Muskmelon. (One ounce will plant about 50 hills.)



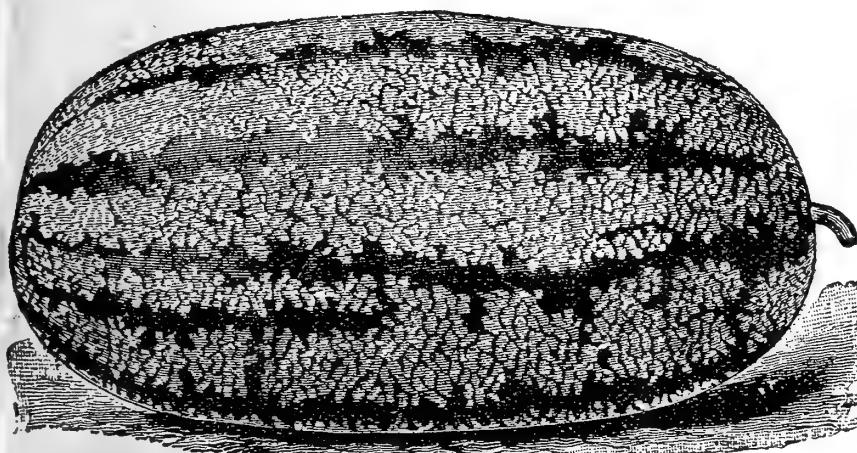
Kleckley's Sweet Watermelon

Kleckley's Sweet—Large oblong Melon, 20 inches in length by 10 to 12 inches in diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. The scarlet flesh is sweet and sugary and is of such texture that it leaves no strings of pulp whatever in eating. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 80c.

Vick's Early—Oblong, smooth, rather small, flesh bright pink, solid, sweet and early. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 70c.

COLE'S EARLY—Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of dark red color. Medium size, nearly round in shape, rind green, striped with lighter shades. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 70c.

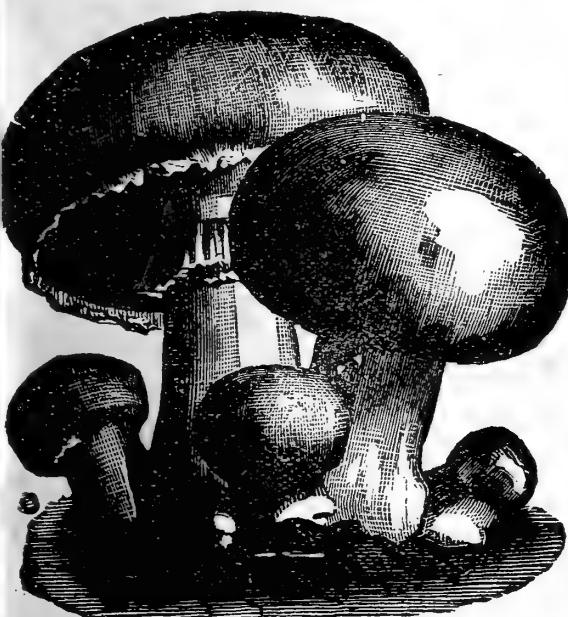
Stoke's Extra Early—Without doubt one of the earliest of all. Nearly round, dark green skin, slightly mottled with white. The flesh is deep scarlet, remarkably solid, and in delicious sugary flavor is unsurpassed. Their average weight is about 15 pounds. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 80c.



McIver's Wonderful Sugar

McIver's Wonderful Sugar—A large oblong melon of handsome appearance. Skin shows broad bands of white, with narrower ones of green. Its soft pink flesh is crisp and juicy, and solid to the centre. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 80c.

Phinney's—Oblong, bright red flesh, sweet, tender, well flavored, very productive and early. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 70c.



Nabob—A very large, solid, heavy melon of splendid keeping qualities. Slightly oblong in shape. Color dark green. Medium early and of magnificent keeping qualities. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 80c.

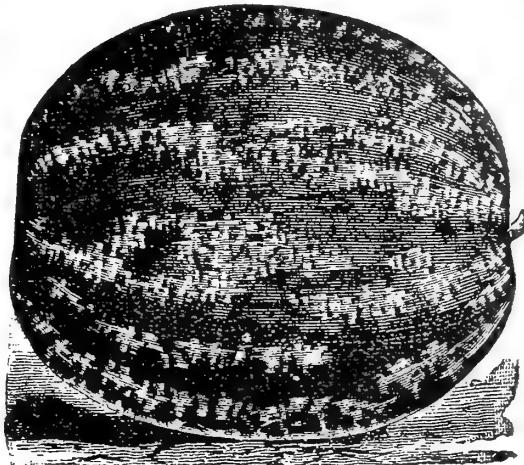
Seminole—Large size and delicious flavor. Flesh a vivid crimson color, crisp and sugary. The melons are of two colors, gray and light green, the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 70c.

Improved Long Dixie—A cross between Kolb's Gem and Mountain Sweet, surpassing the former in shipping qualities, and fully equaling the latter in fine eating quality and flavor, being a week to ten days earlier than either, with a remarkably thin rind almost impenetrable, which preserves it for a great length of time. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 70c.

Cuban Queen—Beautifully striped, bright red flesh, solid, luscious, crisp and sugary. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 70c.

Black Spanish Early—Red core, very delicious, skin dark green. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 70c.

Mountain Sweet—Fruit oblong, dark green, rind thin, solid, very sweet and delicious. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 70c.



Cole's Early Watermelon

SPECIAL OFFER, No. 7

Tip-Top Muskmelon	One Pkt. Each
Paul Rose Muskmelon	
Citron for Preserves	
Kleckley's Sweet Watermelon	For 15 Cts.

German—Senf.

MUSTARD

French—Moutarde.

(One ounce will sow about 50 feet of drill.)

CULTURE—Sow rather thickly in rows in a hotbed as early as possible in the spring, or in the open ground in May. Repeat the sowing about every fortnight for a succession. It is cut and mixed with cress for salad when about two inches high.

White—For salad or medicinal purposes. Pkt 5c, oz 10c, 1 lb 15c, 1 lb 30c.

Brown—For seasoning, more pungent in flavor than the White. Per pkt 5c, oz 10c, 1 lb 15c, 1 lb 30c.

Chinese Curled, or Southern Giant—Leaves twice the size of the ordinary White Mustard, stems more succulent, of deeper green, flavor pleasantly sweet and pungent. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.

NASTURTIUM (Or Indian Cress)

(One ounce will sow about 30 feet of drill.)

CULTURE—Sow about the middle of May in the open ground, one inch deep, in patches, and train them to sticks. The seed, when young and tender, are picked as a substitute for capers, to which some prefer them. The leaves are eaten in salad, and are very tasty; are also used as a garnish.

Tall Mixed Nasturtium—Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.

Dwarf Mixed Nasturtium—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.

MARTYNIA

Martynia Proboscidea—The best variety for pickles. Sow in May or June, at least 3 feet apart. Pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1, lb \$3.

Mushrooms

German—Champignonbrot.

French—Champignon.

The general use of Mushrooms as a delicious and wholesome dish has been somewhat limited, owing to the extremely high price this article generally commands in the market. But there is no excuse why everyone that has a few feet available, may it be in a dark cellar, barn or shed, where the temperature can be maintained at from 50 to 60 degrees, should not have his table abundantly supplied with Mushrooms throughout the greater part of the year. It is only a question of time when, instead of being a luxury, Mushrooms will be as commonly served with our meats as onions are to-day. Considering the abundance of the necessary materials in all parts of our country, both in city and farm, and the high estimation in which the Mushroom is held, it is plainly demonstrated that the cultivation of Mushrooms is in its infancy in our country. The best results have been obtained by the use of our superior English Mushroom Spawn, known as **J.A.S.** or J. A. Simmers' P. Prolific, which is largely used by the most successful growers around Toronto. Full and explicit instructions are contained in our circular, "How to Grow Mushrooms Successfully," which we will mail for 10c, or free with orders for two bricks.

Imported English Spawn—Made up in large bricks, 25c each, 5 for \$1, 10 for \$1.90, postpaid. By express, per doz \$1.50, per 25 \$2.50. (Cut shows mushrooms grown from this spawn.)

Imported French Spawn—Loose, in two boxes, of the size generally wanted by Mushroom growers, \$1 each, postpaid \$8.50 per dozen boxes. In boxes for small gardens, 50c each.

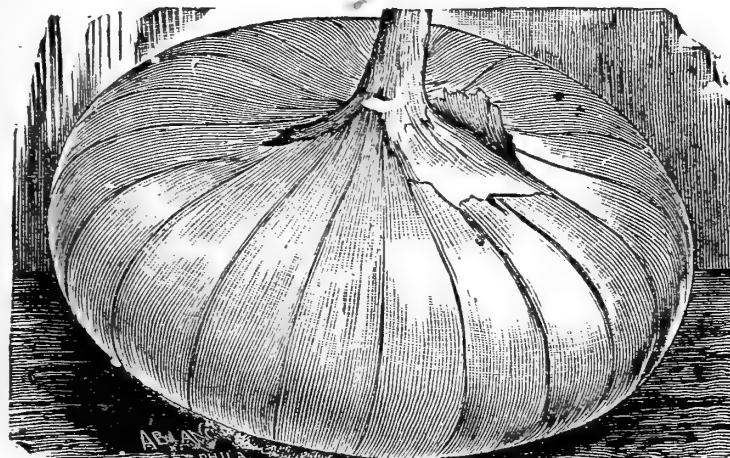
Onions . . .

Free to Customers

(10c To Others)

On application we will send full and complete instructions how to grow Onions both by the ordinary method as well as by the transplanting system.

Our prices on packets, ounces and $\frac{1}{4}$ pounds include postage; prices on pounds, pints and quarts, etc., do not unless so mentioned. If to go by mail postage should be added at the rate of 4c per lb. or pint and 8c per quart.



Mammoth Silver King Onion (White)



Onion "Prize Taker"

Large White Varieties

Southport White Globe—Handsome globular onion, of mild flavor, good keeper, one of the best. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

Largest White Portugal—Mild flavor, good keeper, extensively grown for market. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

White Victoria—Skin and flesh pure white, of sweet, mild flavor. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

Mammoth Silver King (White)—The bulbs are of attractive form, flattened but thick through, bulbs often weigh from 2 $\frac{1}{2}$ to 4 pounds each; the skin is a beautiful silvery white. Flesh is snowy white, and of a particularly mild and pleasant flavor, so sweet and tender is the flesh that it can be eaten raw like an apple. (See cut). Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

White Pearl—One of the earliest varieties, of a pure white color, mild flavor and attractive appearance. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.25.

White Tripoli or Mexican—Excellent quality. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

Large French or Welsh—This variety should be sown in August; it is excellent for salads. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

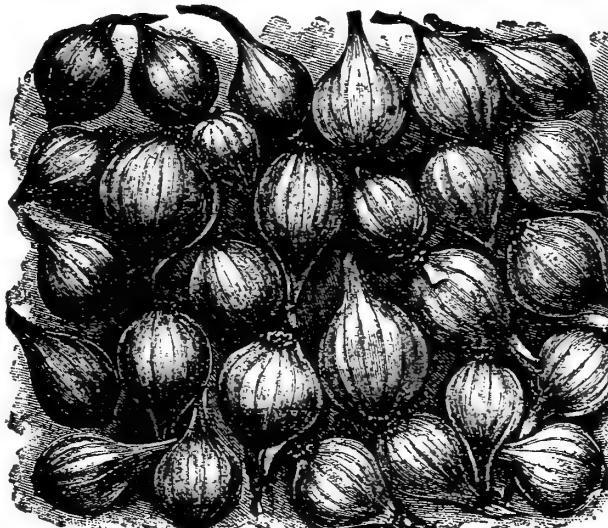
White Pickling Varieties

White Barletta—This variety is most distinct on account of its great earliness. It is three weeks earlier than the White Queen. It is of a beautiful waxy white color, and grows 1 $\frac{1}{2}$ in. in diameter, $\frac{1}{2}$ in. thick, with finely formed bulbs, flattened at top. Its earliness highly recommends its use as a substitute for Onion Sets, and it is without a rival for pickles. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.25.

Small White Nocera—Fine for pickling, very small and round, pure white. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

Silverskin—A handsome onion of mild flavor, extensively grown for pickling. Pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.75.

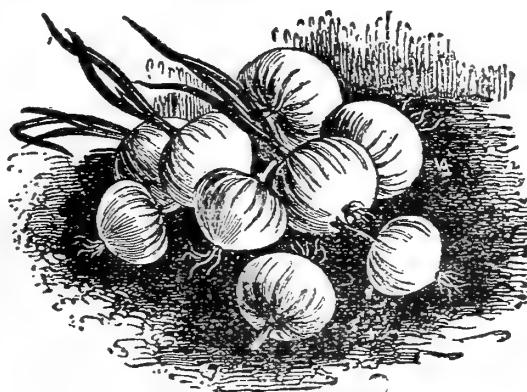
White Queen—Remarkable for its extreme earliness and very mild flavor, it is small and white skinned, much liked for pickling. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.25.



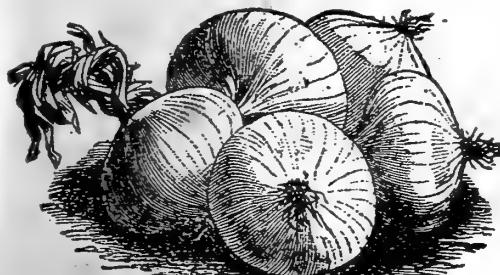
Onion Sets



Early Small White Silverskin Onion for Pickling



White Barletta Onion



Small White Nocera Onion

ONION SETS

(One quart of Sets is needed for 100 ft. of drill.)

Please remember that Onion Sets are subject to fluctuations of the market, and the prices quoted below are those of the time when this Catalogue was published, and are not binding throughout the season.

White Potato or Multiplier Onion Sets—Are of a pure silvery white color and very productive, of excellent size and quality for bunching green, or can be ripened for use as pickling onions. Their keeping qualities are remarkable, but their most important qualities are their extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Pt 15c, qt 25c, 2 qts 45c, 4 qts 90c, postpaid. Peck \$1.25, bush \$4.50, carriage extra.

Yellow Onion Sets (Dutch Sets)—Pt 10c, qt 20c, 2 qts 40c, 4 qts 75c, postpaid; peck \$1, carriage extra.

White Onion Sets (Dutch Sets)—Pt 15c, qt 25c, 2 qts 50c, 4 qts 90c, postpaid; peck \$1.50, carriage extra.

English Potato Onion Sets—The real English multiplier. Lb 20c, 2 lbs 35c, 4 lbs 65c, postpaid; peck \$1.25, carriage extra.

Top or Button Onion Sets (Red and Yellow)—Pt 20c, qt 35c, 2 qts 65c, postpaid.

Shallots, or Multiplier Onion Sets—For early spring use. Qt 18c, 2 qts 35c, 4 qts 70c, postpaid; peck \$1.10, carriage extra.

Egyptian or Perennial Tree Onion—For fall delivery only. Grows for years without any protection or care, except to keep down weeds. It starts so early in the spring that it is ready for use long before any other onion can be had. It is mild flavored, sweet and tender. Pt 10c, qt 15c, 2 qts 30c, postpaid; peck 60c, carriage extra.

SPECIAL OFFER, No. 9—One pint each **White and Yellow Dutch Sets** 25c, one quart of each 40c, four quarts of each \$1.60, by mail, postpaid.

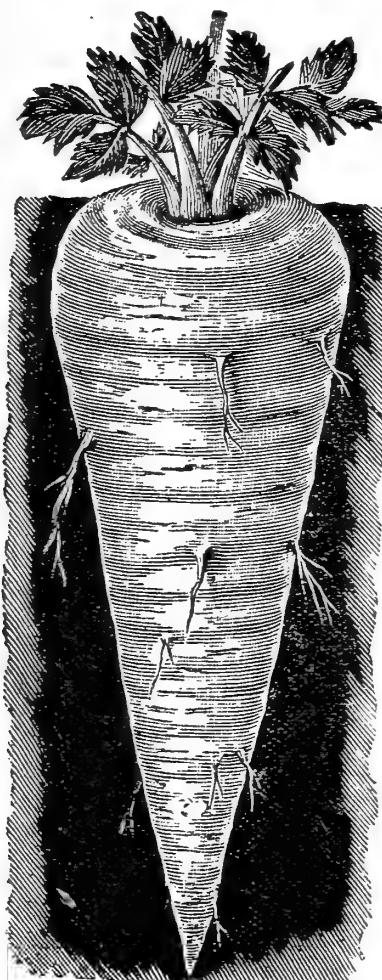
Please write us for prices on bushel lots of Onion Sets (prices fluctuate), and we will quote lowest market rates.



White Potato or Multiplier Onion Sets

PARSNIPS.

(One ounce will sow about 160 feet of drill.)



Hollow Crowned Parsnip

German—*Pastinake*.
French—*Panaïs*.

CULTURE—Parsnips succeed best in a deep, free, rich soil; that having been heavily manured for previous crops should be selected, and if manure must be used, let it be well decomposed. Sow in drills 15 to 18 inches apart, as early in the spring as possible, thin out, leaving 6 inches between them. The roots are hardy and are improved by frost, and it is usual to take up sufficient in the fall for winter use, leaving the rest in the ground until spring to be dug up as required.

✓ **Large Long Smooth Dutch Hollow Crowned**—Roots long, tender, free from side shoots, excellent flavor. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

✓ **Improved Guernsey or Half Long**—A very fine and improved strain, which has given general satisfaction. The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. The roots are very smooth, the flesh fine grained, and of excellent quality. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

✓ **Early Round**—A short variety, crown broad and rounded, somewhat hollow at the insertion of the leaves, very fine flavored. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Okra or Gumbo

Ger.—*Essbarer*. Fr.—*Gombo*.
(One ounce will plant 100 hills.)

CULTURE—Its long pods, when young, are used in soups, stews, etc. It is sown at the usual time of all tender vegetables, in drills 2 inches deep, setting the plants from 2 to 3 feet apart.

✓ **Long Pale Green**—Long-ribbed pods, this variety generally succeeds the best of any. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c.

✓ **Dwarf Green**—Earliest, with small, green, smooth pods. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c.

PEPPERS

(One ounce of seed will produce 2,000 plants.)

CULTURE—Peppers are sown as early as possible in spring, in a hotbed or warm room, one-quarter of an inch deep, and transplanted about the middle of May, in drills 18 inches apart each way, or in hills with plenty of rotten manure at the bottom. The soil must be rich and strong, and in the course of the summer an occasional watering with liquid manure or a moderate solution of guano will be beneficial.

✓ **Improved Bull Nose or Large Squash or Bell**—Of mild flavor, favorite sort for pickling and for use in the natural state. Pkt 5c, oz 80c.

✓ **Long Cayenne**—Best for pickles, pods long, cone-shaped. Pkt 5c, oz 30c.

✓ **Long Red**—Pods brilliant red, 2 to 4 inches in length. Pkt 5c, oz 30c.

✓ **Monstrous or Grossum**—Remarkably large and irregular in shape, sweet and thick flesh. Pkt 5c, oz 40c.

✓ **Proropp's Giant**—They are of a brilliant scarlet color, flesh fully one-half inch in thickness. In flavor they are just hot enough to be pleasant to the taste. Each plant ripens from 8 to 12 perfect fruits, from 8 to 10 in. long by 3 in. thick. Pkt 5c, oz 40c.

✓ **Celestial**—The plant begins to set its fruits early in the season, and continues until frost, branching freely and bearing profusely. They are from 2 to 3 inches long, of clear, sharp flavor, and superior for any of the uses to which a pepper can be put. Pkt 5c, oz 40c.

✓ **Sweet Spanish**—Fruit obtusely conical, often 4 inches in length, nearly 3 inches in diameter, glossy scarlet at maturity, the earliest of all, sweet, mild and pleasant. Pkt 5c, oz 30c.

✓ **Small Red Chili**—Fruit very piquant and small, about 2 inches in length. Pkt 5c, oz 30c.

✓ **Mammoth Golden Queen or Mango**—Beautiful golden-yellow color, very sweet, of dwarf growth, with very large fruit, and in productivity surpasses any other variety, free from fiery flavor. Pkt 5c, oz 30c.

✓ **Black Nubian Pepper**—The peppers are of a deep blue-black, appearing nearly coal-black, while the stalks of the plant are also black, bearing deep-purple flowers, and the fruit as it ripens turns to a rich maroon. Superior for pickling at any stage, and when ripe are of a very sharp, pungent flavor. Pkt 5c, oz 40c.

German—*Pfeffer*.
French—*Piment*.

Improved Bull Nose or Large Squash or Bell Pepper

PARSLEY

(One ounce will sow 150 feet of drill.)

Soak the seeds a few hours in warm water and sow very early in the spring, in drills 12 inches apart; thin out the plants to 6 inches apart. They will grow green during the winter remove plants into a box and place in a high cellar or cold frame.

✓ **Best Extra Triple Curled**, with leaves finely cut and curled and of a deep emerald green hue. Extra fine for garnishing and culinary purposes. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.

✓ **Dwarf, Very Curled**—Very curly, one of the most delicate of the curled sorts. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 80c.

✓ **Covent Garden Garnishing, or Champion Moss Curled**—A perfectly curled variety. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.

✓ **Fernleaved**—Light green color, not curled but rather delicately feathered. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 80c.



Covent Garden, or Champion Moss Curled Parsley

SPECIAL OFFER.
No. 10
PARSLEY,
PEPPER,
PARSNIPS
ONE PACKET EACH, FOR 10 CENTS

PUMPKINS

German—*Kürbis*.
French—*Courge*.

(One ounce will sow about 25 hills.)

CULTURE—Seeds are saved from enormous specimens, should be sown on hills with plenty of manure at bottom, in rather damp ground. Only 3 plants to each hill. Excellent for culinary and feeding purposes.

✓ **Simmers' Mammoth Prize Pumpkin**—Flesh and skin bright golden yellow. Flesh fine grained, excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, fine keeper. Pkt 10c, oz 25c, 2 oz 40c.

✓ **Winter Luxury**—This we recommend as one of the best pie pumpkins, an excellent keeper and enormously productive. It is finely netted and its color is a golden russet. (See cut). Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 75c.

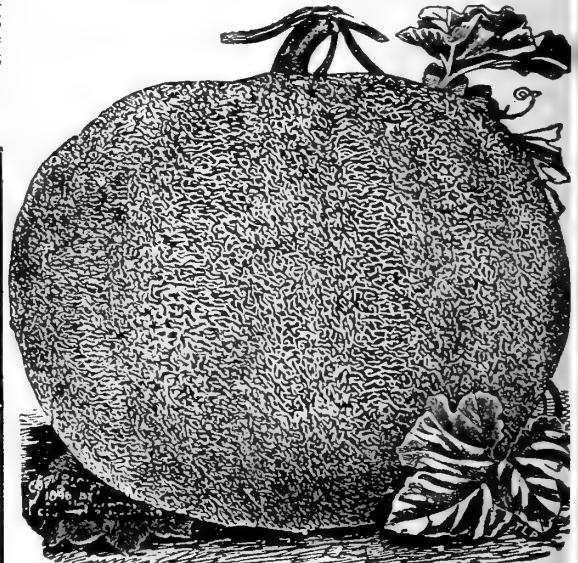
✓ **Large Yellow Mammoth Cheese**—Hardy, productive and superior in all respects to most of the field grown sorts, fine grained and excellent flavor, growing to an enormous size. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 75c.

✓ **Japanese Pie**—Flesh very thick, nearly solid, unusually fine grained, dry and sweet, resembling sweet potatoes in taste. It ripens early and keeps well. The seeds are very curiously marked. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 75c.

✓ **Large Field**—Both for culinary purposes and for feeding cattle, a large yellow variety known as the Pie Pumpkin. Pkt 5c, 1 lb 10c, lb 25c.

✓ **Jumbo**—One of the largest varieties grown, very attractive. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.

✓ **Jonathan Pumpkin**—This pumpkin is pronounced by a veteran grower one of the finest varieties he has ever grown. It is a good keeper of large size, very prolific, smooth and even fleshed; very sweet and fine for pies. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 75c.



SPECIAL OFFER.
No. 11:
PUMPKINS.

One Packet Each

Simmer's Mammoth

Prize,

Yellow Mammoth

Cheese,

Jumbo

FOR 15 CENTS

Winter Luxury Pumpkin

POTATOES

German—*Kartoffel*. French—*Pomme de terre*.
n drills 3 feet apart; 12 to 14 bushels to the acre; 1 peck will plant about 125 hills.)

"THE NEW POTATO CULTURE," by Elbert S. Carman. Price, cloth, 75c. paper, 50c.

WE SHALL SHIP as early as is safe from frost, but we will ship when requested any time customers wish to take their own risk. On late orders it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts of same value.

RICES ON POTATOES ARE SUBJECT TO MARKET CHANGES.
SPECIAL RATES PER BUSHEL ON LARGE LOTS.

"EARLY PRIDE"

We have found the *Early Pride Potato* to be one of the best potatoes ever introduced, and again we strongly recommend it. It is oblong in shape, the eyes being shallow. The skin is a delicate pink color and the flesh white, and in cooking qualities it is unsurpassed. It grows a very even size, there being few very large or very small tubers. On account of its extreme earliness, it is not affected by the usual late summer and fall droughts, while its keeping qualities are not surpassed by any late variety in cultivation to-day. The illustration herewith is an exact representation of an average specimen of *Early Pride*, and its smooth and handsome appearance is accurately shown. Another point to be considered is the fact that *Early Pride Potatoes* produce an unusually large proportion of merchantable tubers; they grow so compactly in the hills, and a small potato is seldom seen.

Lb 15c, 4 lbs 50c, postpaid; peck 40c, bush \$1.50, bag \$2.10, barrel (10 pecks) \$3.30, carriage extra.

"THE BOVEE" Extra Early

The reports received proclaim this to be a *wonderful introduction among early potatoes*. Not only is it early, but it takes a leading place among the heavy cropping varieties, *an unusual thing among first earlies*. It is even earlier than *Early Ohio*, while the "*Bovee*," in all competitive trials, has out-yielded all the early potatoes, and in many of the tests conducted by Experiment Stations and private growers, it has out-yielded even the late varieties. The vine is dwarf and stocky, and the tubers grow markably close, all bunched together in the hill close to the vine. They are up to a marketable size very evenly, none too large or too small.

Lb 15c, 4 lbs 50c, postpaid; peck 40c, bush \$1.50, bag \$2.10, barrel (10 pecks) \$3.30, carriage extra.

Extra Early "OHIO JUNIOR"

The Earliest of All, and a Great Cropper

This variety is 2 weeks ahead of the old *Early Rose*, and is a special favorite with farmers and marketmen, and the most profitable potato they can possibly grow. The sprouts are very strong, the vines grow erect and are easy to cultivate; maturing early, brings the highest prices, and the vine can be used for other crops; does well on any soil suitable for potatoes. The tubers grow compact in the hill, are easily dug, very few small ones—early every one marketable size; few eyes, which are even with the surface. They keep firm until late in the spring. With heavy manuring, close planting (they can be planted almost a half closer than most other kinds on account of their upright growing tops), and good culture, a very large and profitable yield can be expected; 300 to 500 bushels per acre is not an unusual yield. This is our specialty in standard early varieties. We are confident that many do not know a true *Early Ohio*, and have grown some other for, having been deceived in the purchase of the seed. We know ours are right, because the stock is the product of original headquarters seed.

Lb 15c, 4 lbs 50c, postpaid; peck 40c, bush \$1.50, bag \$2.10, barrel (10 pecks) \$3.30, carriage extra.

"UNCLE SAM" Main Crop Variety

Its cropping qualities are phenomenal, and we believe it to be the easiest yielding potato known. Its productiveness is largely attributable to the uniform size of the potatoes, nearly all sizing up alike, none too large and few too small, but its crowning merit is its superb cooking qualities, which will ultimately place "*UNCLE SAM*" on every table where quality in potatoes is appreciated. It is handsome, pure white floury appearance attracts the attention of all. It is a medium late variety. The tubers are oval, with pure white russet skin, with very shallow eyes near the surface.

Lb 15c, 2 lbs 25c, 4 lbs 45c, postpaid; peck 30c, bush \$1.10, bag \$1.50, barrel (10 pecks) \$2.50, carriage extra.

Special Offer No. 12

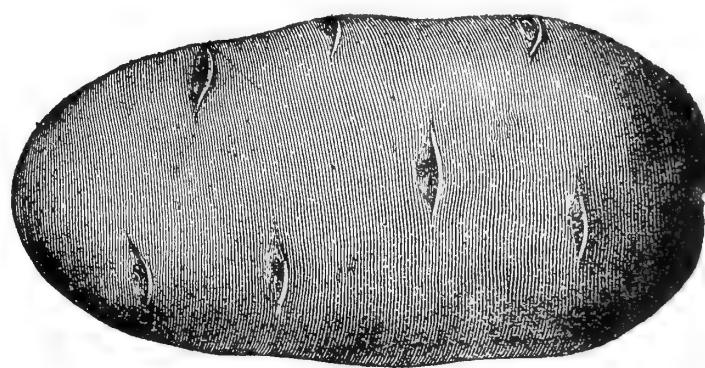
1 lb each of

"The Bovee"
"Uncle Sam"
"Early Pride"
Extra Early "Ohio Jr."

delivered free for 50c, 4 lbs each \$1.75.

Also

1 peck each \$1.40, 1 bush each \$5.25, by freight or express at purchaser's expense.



"Early Pride" Potato

GEM OF AROOSTOOK

Gem of Aroostook has a light flesh-colored skin, is oval in shape, and is of very pleasing appearance. The table quality is perfect. The vine is strong, of half upright growth with medium green foliage. It is a heavy cropper, and the tubers are extremely sound and firm, with good keeping qualities.

Lb 15c, 4 lbs 50c, postpaid; peck 40c, bush \$1.30, bag \$1.90, barrel (10 pecks) \$3, carriage extra.

ROSE OF THE NORTH

Early, Excellent Quality, Grand Keeper and a Wonderful Cropper

Strong and stalky, of medium height. The tubers are even in size, averaging from 8 to 12 ounces apiece, and of a beautiful rose color, varying a shade lighter only when grown on new land. Under good cultivation as many as 14 potatoes, all fit for market, have been produced from one single eye planted. In earliness, the *Early Market* has proved a few days in advance, but on July 1st, when *Rose of the North* were dug, the tubers of the latter were by far the largest, cleanest and best.

Lb 15c, 4 lbs 50c, postpaid; peck 40c, bush \$1.50, bag \$2.10, barrel (10 pecks) \$3.30.

EARLY OHIO

As the name implies, is an early variety. It is a rapid, vigorous grower, vines strong and of a healthy dark green. Its cooking qualities are unsurpassed. When planted on good soil big returns can be expected, as it is an exceptionally heavy yielder. Tubers in shape are oval to long, and light rose in color. We especially recommend them to the market garden trade and to the home garden for first early.

Lb 15c, 4 lbs 50c, postpaid; peck 40c, bush \$1.50, bag \$2.10, barrel (10 pecks) \$3.30.

POTATO EYES (Free by Mail)

The eyes as put up by us are in as good condition for growing as if freshly cut from the potato, and will produce just as good a crop, hence everyone who has a garden can order at any time during the winter or early spring, and save express or freight charges. We offer 4 varieties this season as follows:

25 Eyes Extra Early Ohio Jr.	25c.	25 Eyes Gem of Aroostook	25c.
25 Eyes Early Pride	25c.	25 Eyes Bovee	25c.

Special Offer—25 eyes each of the above 4 varieties for 80c, postpaid.

POTATO SEED, per pkt 25c.



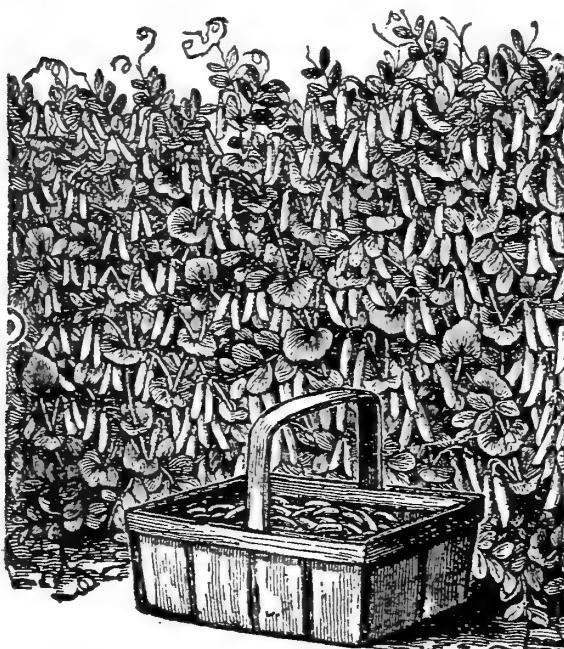
German—Erbsen.

French—Pois.

PEAS

(One pound will plant about 50 feet of drill, from 1 to 2 bushels per acre.)

CULTURE—The Pea comes earliest to maturity in light, rich soil. For general crops a deep loam, or a soil strongly inclined to clay, is the best. For early crops, mild manure, such as leaf mould, should be employed. Plant as early as the weather will permit, in well-prepared soil, and cover about 2 or 3 inches deep. Sow 3 feet apart for early kinds, and 4 feet for late. For a continuous supply sow from early in April until the last of June; then discontinue until middle of August, when an extra early sort will sometimes produce a good crop. Soak in warm water a few hours previous to sowing.



Simmers' First of All Peas

McLean's Little Gem—Premium Gem, 1 foot, dwarf green wrinkled marrow; has all the sugary flavor of the late wrinkled peas, besides being very early. Needs no sticks. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.50, bush \$5.40.

Laxton's Alpha—The earliest wrinkled pea, fully as large as the Daniel O'Rouke, with the advantages of a rich quality; 2½ to 3 feet high. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.00, bush \$4.00.

Nott's Excelsior—Robust and vigorous in growth, throwing out laterals from base to haulm, producing in profusion long, handsome pods, closely packed with large peas of fine flavor. Seed green, wrinkled, square at the end like American Wonder; height, 12 in. Per lb or pt 15c, qt 25c, peck \$1.75.

American Wonder—Ten inches, one of the earliest wrinkled peas in cultivation, exceedingly productive and of very dwarf and compact growth; quality the very best. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.75.

William Hurst—A dwarf, compact growing variety similar to the American Wonder. The vines are more productive, the pods mature more nearly at one time, enabling the whole crop to be taken off at one or two pickings, while the quality is superior. Vines grow 8 to 10 inches high, with deep-green foliage, haulm quite stiffly erect, close jointed, and very productive. Pods 2½ inches in length, slightly pointed at each end. Per lb 15c, qt (2 lbs) 25c, peck \$1.75.

Daisy or Dwarf Telephone Pea—Ripens evenly and yields with the larger sorts. The vines grow 15 to 18 inches high, are dwarf, stocky and vigorous, very productive, the plants frequently bearing from 5 to 7 pods. The pods are about 5 inches long and well filled with large, thick, pale green peas of good lasting qualities. The pods often contain as many as 10 peas. In season it is medium, being from 5 to 7 days earlier than Stratagem. Per lb 20c, qt 35c, peck \$1.75.

MEDIUM EARLY VARIETIES

HEROINE—Pods remarkably long and handsome, slightly curved, well filled with large, luscious peas of fine flavor, a gem of the first water. Height 2 feet, seed green and very much wrinkled. Per lb 15c, qt 25c, peck \$1.30, bush \$4.80.

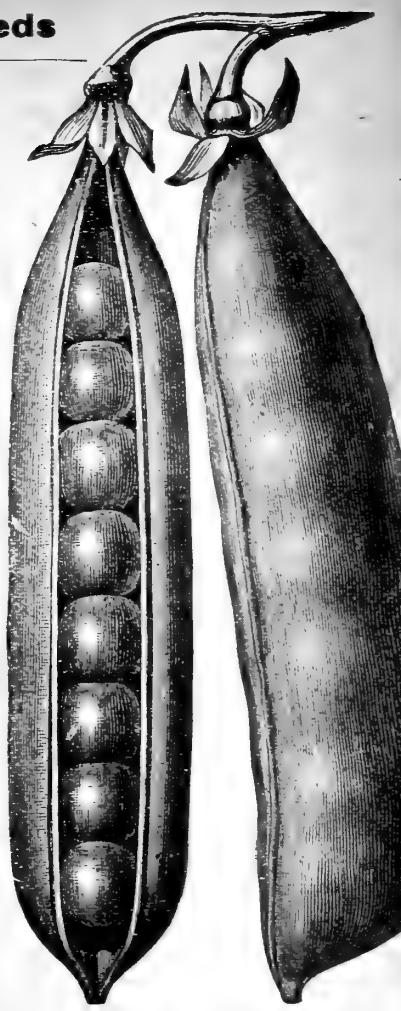
Bliss' Everbearing—Two feet, a splendid general crop pea, pods averaging 4 inches long and containing from 6 to 8 wrinkled peas of enormous size, many being over a ½ inch in diameter, while in sweetness of flavor they are unsurpassed. Per lb or pt 10c, qt (2 lbs) 20c, peck \$1.10, bush \$4.25.

Laxton's Prolific Long Pod—Two feet, a round, green variety, very productive, producing pods with from 11 to 12 peas in each, of superior flavor. Per lb or pt 15c, qt (2 lbs), 25c, peck \$1.25, bush \$4.80.

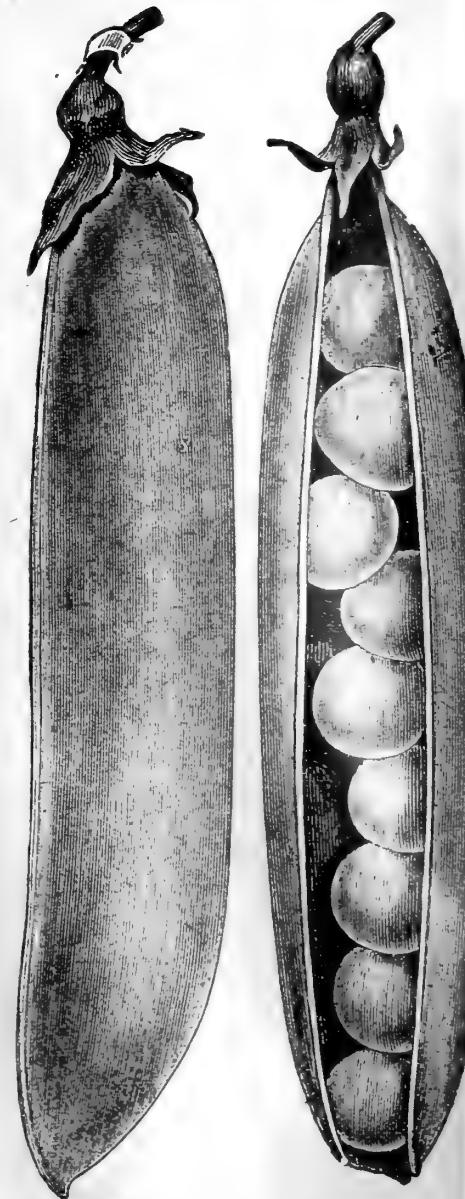
Laxton's Supreme—A fine, large and distinct early pea, of green marrow race, having from 9 to 10 peas in a pod, 4 feet high, prolific. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.50, bush \$6.00.

Blue Imperial—Three feet, large pods and prolific, a good summer pea of fine flavor. Per lb or pt 10c, qt (2 lbs) 20c, peck \$1.00, bush \$4.00.

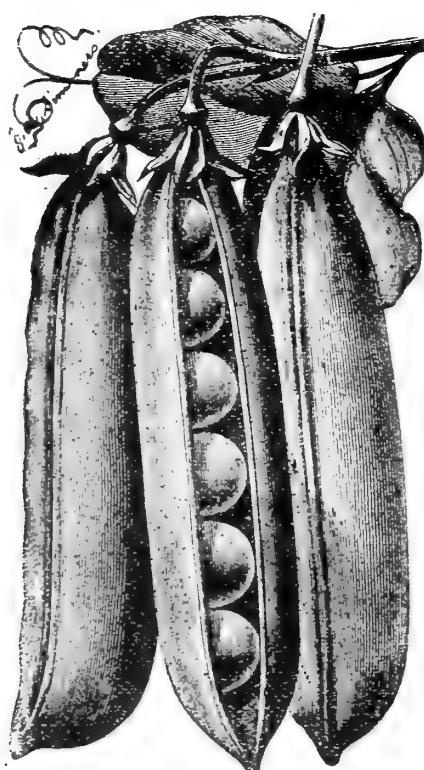
Horsford's Garden—Grows from 2 to 2½ feet high, it is extremely prolific, and bears its pods always in pairs, and on some of the best plants over 150 pods have been counted. One of the sweetest peas. Per lb 10c, qt 20c, peck \$1.10, bush \$1.00.



Nott's Excelsior Pea



Daisy or Dwarf Telephone Pea



William Hurst Pea

Peas

(Continued)

All Peas 5c per pkt except where noted.

Later or General Crop

Improved Stratagem—The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, which impaired its usefulness. The Improved Stratagem has all the sterling qualities of the original type and is one of the heaviest yielders. The vines are of medium height, very stocky, the pods are of immense size, well filled with very large dark green peas. Pkt 15c, qt 25c, peck \$1.30, bush \$5.00.

Telephone—This strong growing, sweet, wrinkled Pea is driving out of the local market the common kinds of early hard peas, owing to its strong growth, large, handsome, well-filled pods and very fine table quality. The vines often bear 18 to 20 pods per stalk, each containing 6 to 7 large peas; 4 feet high. Pkt 15c, qt 25c, peck \$1.30, bush \$5.00.

Burpee's Profusion—Is of vigorous growth, attaining 3 feet in height and of a very branching character. The pods are usually produced in pairs, from 50 to 90 pods to the plant. The pods are well packed with large luscious peas of very sweet and splendid quality. The plants are continuous bearers, extending over a period of several weeks. Pkt or lb 15c, qt 25c, peck \$2.00.

Pride of the Market—It grows from 18 inches to 2 feet in height, and bears grand pods well filled from top to bottom with large, fine flavored peas. Its robust constitution, enormous yield and superior appearance ensure its acceptance as a favorite with the public. Pkt or pt 15c, qt 25c, peck \$1.50, bush \$5.40.

Champion of England (4 feet)—Universally admitted one of the best peas grown; a delicious flavor and good bearer. Per lb or pt 10c, qt (about 2 lbs) 20c, peck \$1.00, bush \$4.00.

Black-Eyed Marrowfat (3 feet)—Best for general crop, has large and well-filled pods; a popular market variety. Per lb or pt 10c, qt (about 2 lbs) 15c, peck 50c, bush, market price.

Large White Marrowfat—Well known, prolific and of good flavor, 3 feet high. Per lb or pt 10c, qt (about 2 lbs) 15c, peck 50c, bush market price.

Yorkshire Hero (2½ feet)—Very prolific, and of delicious flavor. Per lb or pt 10c, qt (about 2 lbs) 20c, peck \$1.10, bush \$4.

EDIBLE PODDED, OR SUGAR PEAS

Tall Scimitar Sugar—Pods are edible, very sweet, 7 to 10 inches long, grows 6 feet high, can be used in green state like string beans. Per ½ lb 10c, lb or pt 25c, qt (2 lbs) 50c, peck \$2.50.

Dwarf Sugar—Pods edible, 2 feet high, can be used in green state like string beans. Per ½ lb 10c, lb or pt 25c, qt (2 lbs) 50c, peck \$2.50.

Our Seed Peas are of the very best quality, riddled and hand picked.

The Three Best Peas

FOR THE HOME GARDEN

These can all be planted at the same time, and they will be ready for use in succession.

HOOT'S EXCELSIOR—Earliest and best Dwarf Pea.

HEROINE—Best second early Pea.

IMPROVED STRATEGEM—Best large podded late variety.

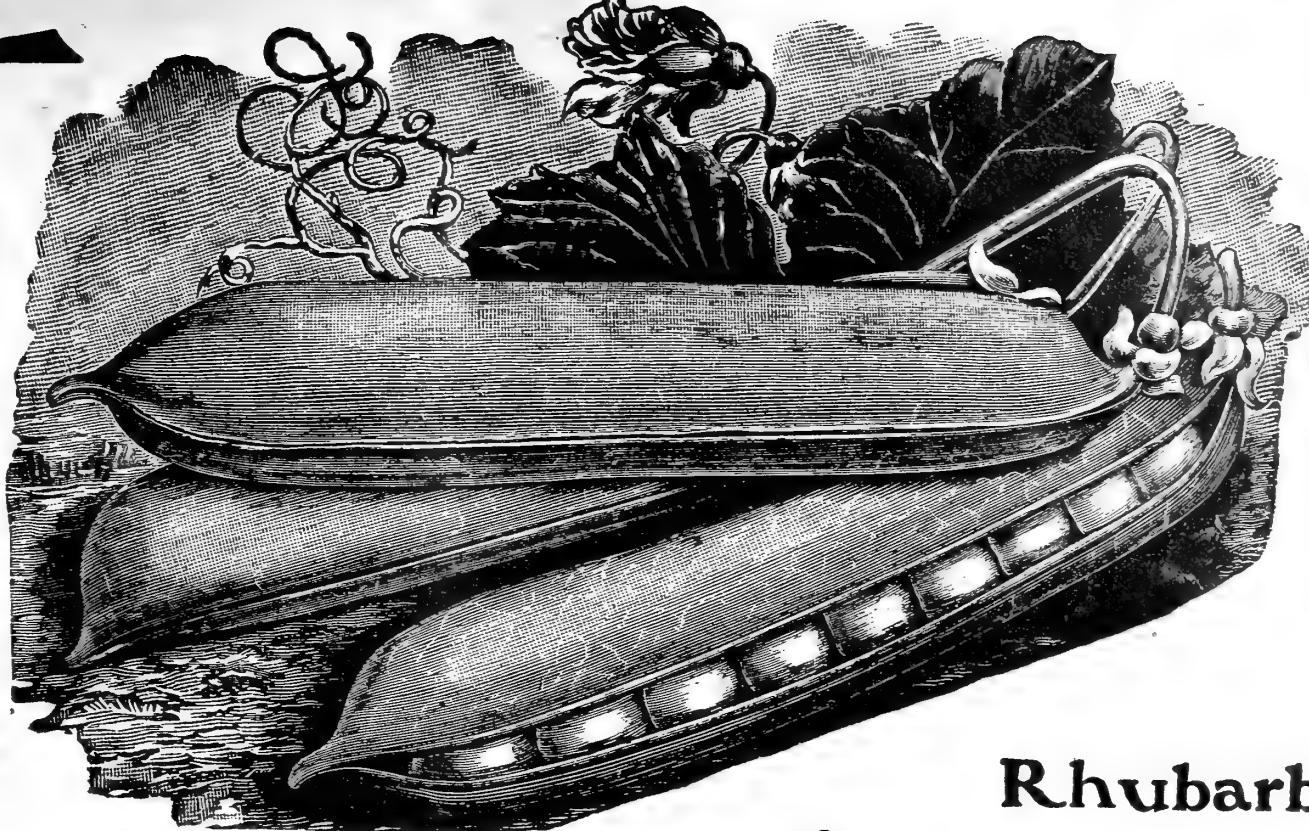
For further description see general list.

No. 13 Special Offer Large packet each of three Peas, postpaid, 20c. Half-pound each of the three Peas, " 30c. One " " " 60c.



Improved Peanut or Ground Pea

The peanut plant is a pea, which blossoms in the air and then thrusts the ovary under ground for development. The ripened ovary or seed pod is the peanut of commerce. The choice variety which we offer is early, large, prolific, yielding fewer imperfect pods than any other kind. The nut is red, with two or three kernels to the pod; large and of rich flavor. Pkt 10c, pt 25c, qt 40c, postpaid.



Improved Stratagem Pea

Rhubarb

OR Pie Plant

German—Rhubarber.
French—Rhubarbe.

(One ounce will produce about 500 plants)

CULTURE—Sow in April in drills one inch deep and one foot apart; when the plants are three or four inches high, thin out to ten inches apart, and cultivate well during the season; in fall or following spring transplant into hills

about three feet apart each way. The soil must be very deep and heavily manured. Give a top dressing of manure every fall.

Johnston St. Martin—It is immediately productive, one of the earliest, and has a rich spicy flavor, very similar to the gooseberry when used for pies. Price per pkt 5c, oz 20c, 2 oz 30c, ¼ lb 50c, lb \$2.00.

Myatt's Linnaeus—One of the best for family use, thin skin, very early and productive. Pkt 5c, oz 20c, 2 oz 30c, ¼ lb 50c, lb \$2.00.

Victoria—Similar to the preceding, but more acid and productive. Pkt 5c, oz 20c, 2 oz 30c, ¼ lb 50c, lb \$2.

Large Roots of any of the above—Each 15c, 4 for 50c, per doz \$1.25, postpaid.



Johnston

St. Martin

Rhubarb



Mammoth Sandwich Island Salsify

Salsify

or VEGETABLE OYSTER

German—Bocksbart.

French—Salsifis.

(One ounce will sow 50 feet of drill.)

CULTURE—The directions for sowing and cultivating Carrots, given on page 12, apply also to Salsify. From its resemblance in flavor to Oysters it derives its name. Soak the seed before sowing, in warm water for 12 hours.

Mammoth Sandwich Island—This variety is of very large size, twice that of the ordinary Long White; pure white, very tender and delicious; invaluable for the market gardener. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb \$1.50.

Scorzonera

or BLACK OYSTER PLANT

(One ounce will sow 50 feet of drill.)

CULTURE—Cultivated the same as Carrots or Salsify. The outer rind of the roots being scraped off, they are steeped in water to abstract a part of its bitter flavor. They are then boiled or stewed in the manner of carrots or parsnips.

Per pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb \$2.00.

Radishes

German—*Radieschen und Rettige.*
French—*Radis.*

(One ounce will sow 100 feet of drill.)

CULTURE—The soil for Radishes should be very rich, light and mellow, well broken by digging, as their tender and mild qualities depend much upon their rapid growth. For very early use sow on gentle hotbeds in March, and in the open air as soon as the ground can be worked, at intervals of ten or twelve days for a succession, as long as they may be wanted. TURNIP-ROOTED and the OLIVE-SHAPED varieties are the best for sowing in the summer. The winter varieties should be sown in August, and lifted before severe frost, and stored in the cellar.

Early and Summer Varieties

✓ **TRIUMPH**—This new forcing or extra early radish is a most distinct novelty. The small, round, pure white roots are marked with bright scarlet, in flakes and in short lines running around the circumference. Very desirable for forcing under glass while the bright contrasting colors of the small round roots are most attractive. Skin thin; flesh crisp, tender, and mild in flavor. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 50c.

✓ **Early Scarlet Olive-Shaped White-Tipped (French Breakfast Radish)**—A variety of quick growth, mild and tender, and one of the best for forcing. Oval form, scarlet, tipped with white. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

✓ **Early Scarlet Olive-Shaped**—A very early and handsome variety, of a lively rose color and oblong shape. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

✓ **Early White Olive-Shaped**—Similar to scarlet, skin being white. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

✓ **Early Scarlet Turnip-Rooted**—Small top, quick growth, mild and crisp, best for market. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

✓ **Early White Turnip-Rooted**—Very early, flesh and skin white. Grown for mixing in with bunches of red radishes. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 50c.

✓ **Early Nine-Pin Shape**—Scarlet, for forcing, so called on account of its shape. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

✓ **Early Scarlet White-Tipped Turnip-Rooted**—A very pretty variety, excellent for market and fine for forcing. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 70c.

✓ **Wood's Early Frame**—A long, scarlet, excellent for forcing. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

✓ **Early Scarlet Globe**—A most desirable turnip sort for hotbed forcing; very early, and in flavor mild, crisp, juicy and tender; top small and it will stand the heat well without becoming pithy. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1b 75c.

✓ **Early Non Plus Ultra**—Unquestionably the earliest forcing radish, grows very rapidly and is fit for use within three weeks; the root is round and bright scarlet; the flesh tender and particularly delicate. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1b 75c.

✓ **Rosy Gem**—Shape is perfectly globular, with rich deep scarlet top, blending into pure white at bottom, exceedingly tender, crisp and delicious; desirable for growing under glass. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1b 75c.

✓ **Long White Napias**—Excellent for table, flesh white, crisp and mild. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 75c.

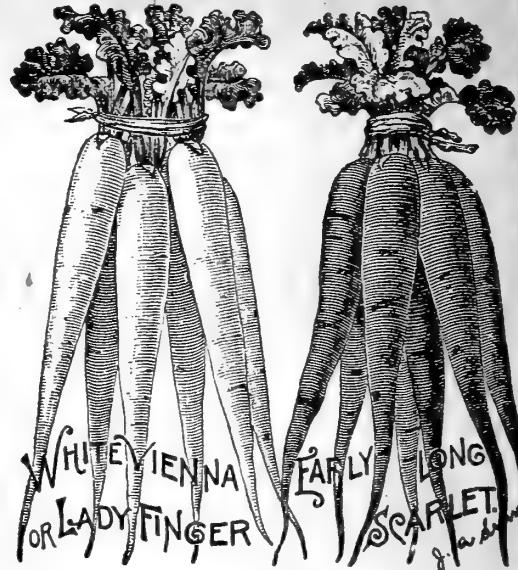
✓ **Improved Chartier**—The color at the top being crimson, running into pink about the middle; and from thence downwards it is a pure waxy white. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

✓ **Long White Vienna ("LADY FINGER")**—This is one of the finest second-early varieties; the radishes being long, slender, pure white, crisp, and very mild in flavor. It is ready to pull nearly as early as the *Long Scarlet Short Top*, while the roots grow to larger size. It has recently become extremely popular. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

✓ **Long Scarlet, or Early Short Top**—A standard variety for market and private gardens. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

SPECIAL OFFER No. 14

1 pkt Radish, Long Scarlet, For 15c.
1 pkt Radish, Long White Vienna,
1 pkt Radish, Long China Rose,
1 pkt Large Leaved Flanders Spinach,



SPECIAL OFFER No. 15

1 pkt Scarlet Turnip Radish. 1 pkt Rosy Gem Radish.
1 pkt Victoria Improved 1 pkt Scarlet Olive-Shape
Round Spinach. Radish.

For 15 cts.

Our Radish Mixture This is a mixture of over choice varieties of early, medium and later radishes. You will certainly have radish all summer, and be surprised at the results. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 75c.

Spinach

German—*Spinat.*
French—*Epinard.*

(One ounce will sow 100 feet of drill; 10 lbs. for one acre.)

CULTURE—Sow in drills one inch deep and one foot apart; the summer varieties in April for summer use and the winter varieties in August or September for winter or spring use.

VICTORIA IMPROVED—The foliage is heavy, broad, dark green leaves being of a true Savoy appearance and of the finest quality, it remains in prime condition from two weeks to three weeks after all other varieties of spinach have run to seed. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 80c.

Extra Large Leaved or Giant Flanders—splendid variety, with leaves much larger and broader than any other variety, round, thick and fleshy, dark green. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 30c.

Round Leaf or Summer—The main market so equally good for either fall or spring sowing. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 30c.

Long Standing—Stands a long time before running to seed, otherwise similar to the well known Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 30c.

Prickly or Fall—Stands well in winter, but gives less bulk per acre than the Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 30c.

Bloomsdale Large Curly, Savoy Leaved—No 2 oz 15c, 1 lb 20c, 1b 30c.

Large Mountain Orach, or French Spinach—Cultivated and used like Spinach. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$1.50.

New Zealand—(*Tetragonia*) perennial—Fit for the first year, must be slightly protected during winter. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$1.25.

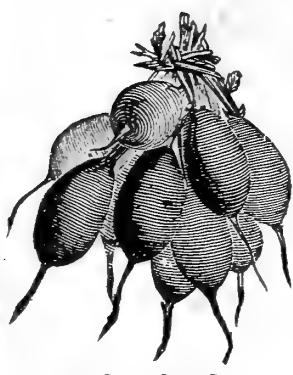
Perennial—(*Rumex Patientia*)—Sow in spring a fit for use in autumn, quite hardy. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.



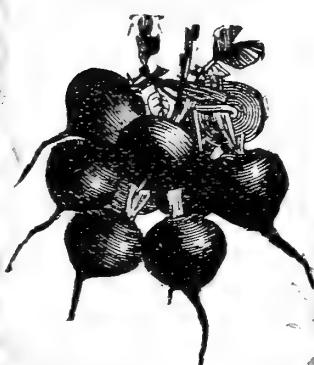
SEA KALE

(One ounce will produce about 300 plants.)

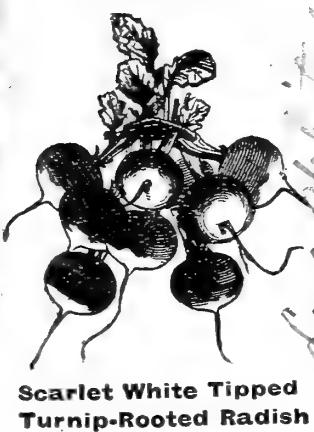
Seed—Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.00.
Roots—Each 15c, 4 for 50c, doz \$1.50.



Early Scarlet Olive-Shaped Radish



Early Scarlet Turnip-Rooted Radish



Scarlet White Tipped Turnip-Rooted Radish



French Breakfast or Scarlet Olive-Shaped White Tipped Radish



White Chinese Radish

SQUASH

German—*Speisekurbisse*.French—*Courge*.

(One ounce will plant 50 hills.)

CULTURE—Prepare the hills the same way as directed for Cucumbers, on page 16. The bush varieties should, of course, be planted closer together than those with long vines.

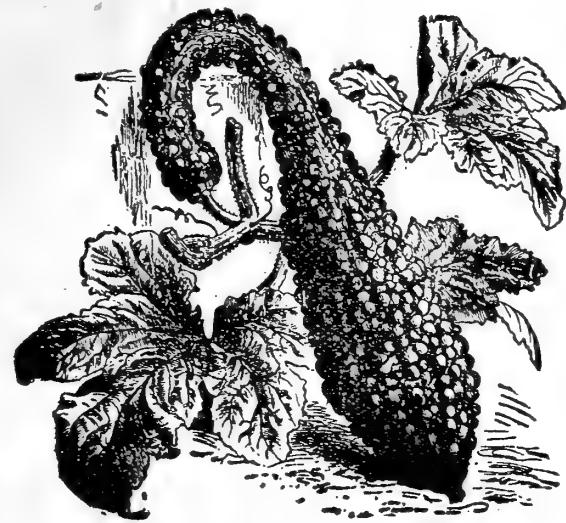
Summer Varieties

Long White Bush Vegetable Marrow—A decided improvement on the old, trailing vegetable marrow; the fruit is larger, handsomer, more beaded or fluted, and of strictly bush form. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, \$1.20.

Vegetable Marrow, running—Well-known variety, oblong, skin yellow, flesh white, rich flavor. Pkt 5c, oz 10c, 2 oz 25c, $\frac{1}{4}$ lb 25c, lb \$1.00.

Long Island White Bush Scallop—A selection of the old White Bush Scallop, and a vast improvement, having prominent ridges and being much deeper so that a single lash would actually attain nearly twice the weight of the sort. In addition to this it is of finer quality and very productive. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Perfect Gem—Excellent both for summer and winter use. Wonderfully productive. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.



Summer Crookneck Squash

Summer Crookneck—Early productive and good quality, fruit orange-yellow. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Bush Scallop—Yellow and white. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Mammoth Whale—This squash from France, introduced by *C. Godard*, produces the most magnificent Mammoth Squashes we have ever seen.

The squashes are often 3 feet long, of a dark, rich color, and sometimes weigh over 100 pounds. Its greatest diameter is near the blossom end, and tapers from there to other end; this peculiar form, together with its immense size, doubtless suggested the name "Mammoth Whale." It is very prolific; the vines are robust and hardy. The flesh is solid, of a beautiful orange-yellow color, and of excellent quality. It is a good winter keeper. Pkt 10c, oz 25c, $\frac{1}{4}$ lb 75c.



English Vegetable Marrow

SPECIAL OFFER, NO. 16

1 pkt Mammoth Whale Squash.....	FOR 15 cts.
1 pkt English Vegetable Marrow.....	

Tobacco Culture—Full practical details from the propagation of the seed to the harvesting, curing and marketing of the crop, by 14 experienced tobacco growers. Price, 25c, postpaid.

Tobacco Leaf—Myrick & Killbrew, \$2.

A Complete and Economical Garden

may be secured at a saving of 35% by purchasing our
VEGETABLE SEED COLLECTIONS offered on page 6

Winter Varieties

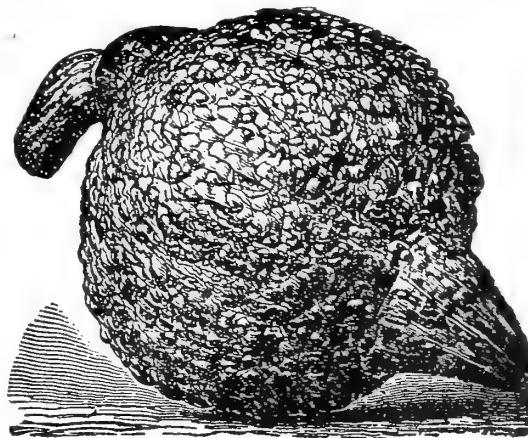
Golden Hubbard Squash—In shape same as the old-fashioned Hubbard, but the skin is rich orange color. It is extremely attractive, matures earlier than the green shell Hubbard and is more productive. The color of flesh is deep golden-yellow, cooks dry and is of fine flavor. The keeping qualities are fully equal to the old variety, and it is sure to become popular as a fall and winter variety. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Green Hubbard

The standard winter squash, of good size; dry, fine-grained, orange-yellow flesh and dark olive-green skin. Our seed is the very best strain. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Chicago Warty Hubbard

A specially fine strain of the popular and well-known Hubbard Squash. The fruits are large and uniform in size, with rich, dark skin, generally set thickly with small excrescences or warts. The coloring of both the skin and flesh is darker than the ordinary strain, while the vines are of strong, vigorous growth and equally as productive. This strain has deservedly become very popular in many markets. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c, postpaid.



Golden Hubbard Squash

Marblehead—Flesh lighter in color than the Hubbard, while its combination of sweetness, dryness and delicious flavor is something really remarkable. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

The Faxon—The flesh is a deep orange-yellow, cavity small and seeds few; the special peculiarity, however, is that while uncooked it appears to have a shell like any other squash, when cooked there is practically none, the shell or inedible part being only about as thick as a sheet of writing paper. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Delicata—Color of this variety is orange-yellow, splashed and striped with very dark green. The quality is splendid, being rich and dry. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Essex Hybrid—Rich flavored, fine grained and sweet, flesh very thick, rich colored and solid; very early. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Boston Marrow—Fine, large and sweet; it keeps well in winter and will boil dry as a potato. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Bay State—Extremely solid, heavy weight, fine and dry flesh, sweet flavor, beautiful golden-yellow, very handsome; shell extremely hard and flinty, and excellent keeper. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Pike's Peak or Sibley—Skin smooth and thin and of a pale green color, flesh thick, solid; vivid orange in color; very dry, of fine grain and delicate flavor. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Fordhook—The flesh is dry and sweet, of best quality. In a cool, dry room it keeps in perfect condition till late in June, when summer squashes are ready. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Large Mammoth Yellow Chili—Grows to an immense size, often weighing 200 lbs; excellent for all uses. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

SPECIAL OFFER, NO. 17

1 pkt of EACH of the three Hubbards.....	15 cts Postpaid
1 pkt Summer Crookneck.....	

TOBACCO

Seed is generally sown in hot-beds in March and April, though sometimes in cold frames or even the open ground. As soon as plants are from 4 to 5 inches high, and all danger of frost is passed, they should be transferred to open ground in rows 4 feet apart and from $2\frac{1}{2}$ to $3\frac{1}{2}$ feet apart in the rows. After planting, the ground should be stirred with a one-horse cultivator about once in 10 or 12 days, so as to keep the land thoroughly clean from weeds, and in a porous and mellow condition. Frequent cultivation will also induce more favorable conditions of moisture. This should be continued as long as the cultivator can be passed through the rows without injuring the plants. After this, as the roots of the plants will then almost fill the space between the rows, the ground should be kept clean by shallow hoeing.

Small Red Canadian—Pkt 5c, oz 60c.

Connecticut Seed Leaf—Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

Virginia Seed Leaf—Pkt 5c, oz 40c, 2 oz 75c, $\frac{1}{4}$ lb \$1.25, lb \$3.50.

Zimmers' Spanish—One of the most popular, very early, finest quality. Pkt 5c, oz 40c, 2 oz 75c, $\frac{1}{4}$ lb \$1.25, lb \$3.50.

Havana (Vuelta de Abajo) Cuban—Cuban grown—Pkt 5c, oz 40c.

White Burley, Yellow Pryor, Blue Pryor, Yellow Oronoco and Climax—Each pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.



TOMATO . . .

(One ounce will produce 1,000 plants.)

CULTURE—Sow in a hotbed about the first week in March, in drills about five inches apart and half an inch deep. About the middle of May, in this latitude, the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart, water freely at the time of transplanting, and shelter from the sun a few days until the plants are established.

Freedom—Very early. The fruit is borne mainly in clusters, perfectly round, of a bright, dazzling shade of scarlet. The texture and toughness of the skin insures its value as a shipper. The flesh is remarkably solid, having but few seeds, and the flavor is perfect. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.

Magnus—The form is perfect, uniform, large and attractive, flesh is very firm, a robust grower. The fruits are very deep from stem to blossom end, many of them being almost globe shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.

Fordhook Fancy Tomato—The habit is dwarf and compact; the leaves dark green, heavily blistered or crimped as in a fine Savoy Cabbage. The fruits are of medium size, very smooth and regular both in size and form, solid and free from cracks, quite fleshy, with few seeds and of sweet flavor. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.

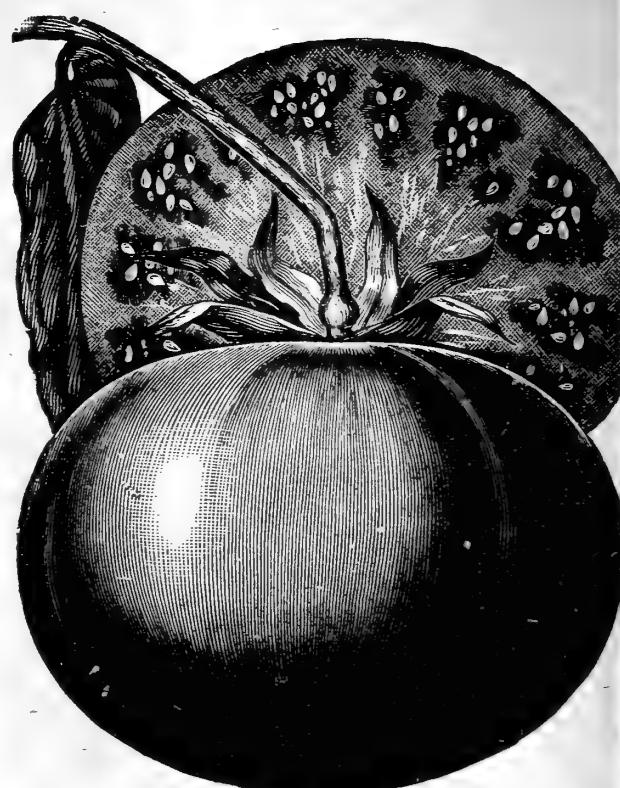
"IMPERIAL"—The fruit is large, smooth and solid. It not only produces very early fruits, but it will hold out through the season until late in the fall. It is also a splendid keeper. In color it is that attractive pink. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 50c, lb \$2.

Creekside Glory—Very robust and exceedingly prolific. It carries its fruit in clusters, which are large, round and perfectly smooth and of a deep rich red color. It ripens early, has a most delicious flavor and is a good keeper. Pkt 10c, oz 40c, 2 oz 60c, 1 lb \$1.

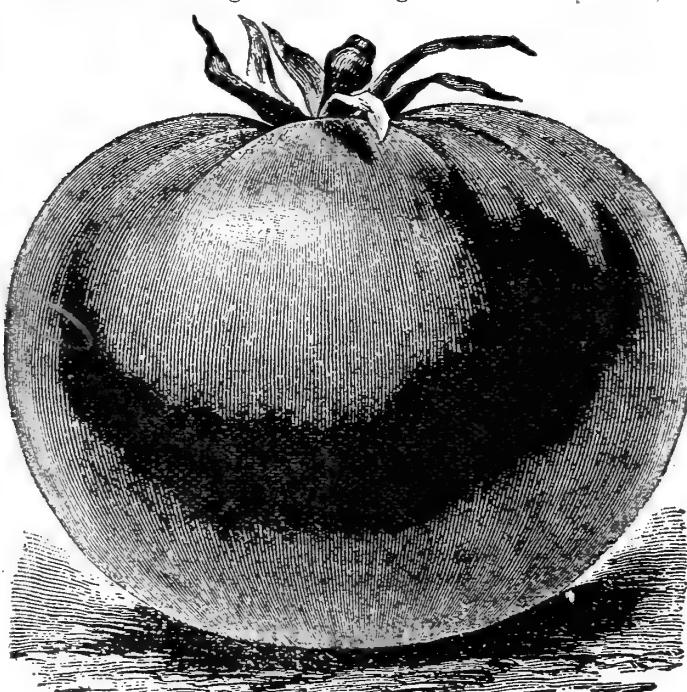
Crimson Cushion—More symmetrical than the Ponderosa, and much thicker, in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.

Earliana—Earliest, smooth bright red tomato, of large size. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 50c, lb \$2.

Enormous—Largest smooth bright red tomato. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.



Magnus Tomato



Simmers' Selected Stone Tomato

Yellow Varieties

Dwarf Golden Champion—Similar to the scarlet of same name, with the exception that the fruit is of a beautiful lemon yellow color. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.

Golden Queen—Large smooth yellow, excellent flavor and sweet, very productive. Pkt 5c, oz 25c, 2 oz 35c, 1 lb 70c, lb \$2.50.

Yellow Peach—Very distinct, fruit of medium size, resembling a peach in size, shape and bloom, color yellow. Pkt 5c, oz 30c, 2 oz 50c.

Preserving Varieties

Yellow Cherry—Pkt 5c, oz 40c.

Yellow Plum—Pkt 5c, oz 40c.

Small Red Cherry—Pkt 5c, oz 40c.

Small Red Currant—Pkt 5c, oz 40c.

WINTER CHERRY, also called Strawberry or Ground Cherry and Barbadoes Gooseberry or Mexican Tomato (*Physalis Alkekengi*)—Culture same as Peppers. The fruit of the plant, which is a berry enclosed in an inflated calyx, is eaten as a common fruit, and is particularly pleasant for tarts. Pkt 10c, oz 60c.

German—*Liebesapfel*.

French—*Tomate*.

OLDER STANDARD VARIETIES

Our Tomato Seed has all been grown by tomato specialists who plant for seed only.

Per packet 5 cents, any of the following:

	oz.	2 oz.	1 lb.	lb.
• Beauty	20	35	.50	\$2.00
• The Mikado	25	40	.70	2.50
• The Buckeye State	20	35	.50	2.00
• Ignotum	20	35	.50	2.00
• Livingstone's Aristocrat	20	35	.50	2.00
• Honor Bright	25	40	.75	3.00
• Plentiful	20	35	.50	2.00
• Early Acme	20	35	.50	2.00
• Livingstone's Royal Red	20	35	.50	2.00
• Perfection	20	35	.50	2.00
• Favorite	20	35	.50	2.00
• Optimus	20	35	.50	2.00
• Trophy	28	35	.50	2.00
• Ponderosa	30	55	1.00	3.00



Freedom Tomato

Table Turnips

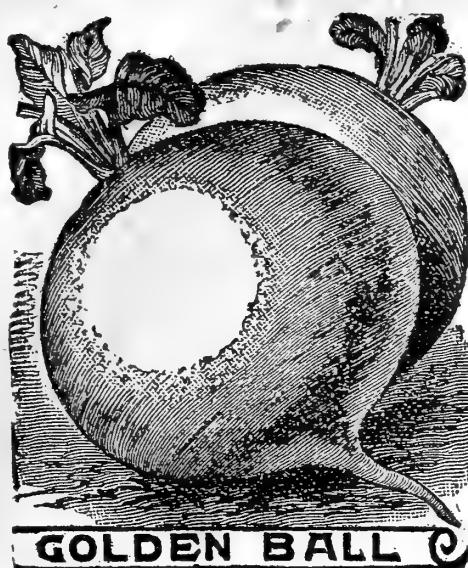
For Field Turnips see "Farm Seeds," page 33

CULTURE—For early use sow soon as the ground can be worked in the spring, in drills inches apart and thin to 8 inches apart as soon as plants are large enough to handle. For succession sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops. The sowing should always be done just before rain if possible as the success of the crop in a great measure depends upon quick germination and a rapid and even growth at first.

SIMMERS' EARLY ELTING SWEDEN—An excellent distinct variety, peculiarly suitable for garden culture on account of itsavor, fine form and rich golden yellow color. This variety is claimed by all market traders and private gardeners to be the finest grained, best keeping table Swede turnip in cultivation. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Extra Early Milan—A strap-leaved variety, a week earlier than the ordinary early sorts. It retains its good qualities and remains a long time for use. The bulbs are white with a purple top, round, flattened and lid, with a very slender tap root; flesh pure white, sweet and crisp. Per pkt 5c, oz 10c, 1 lb 20c, lb 70c.

White Stone, or Early Snowball—An early garden variety, clear white, medium size, delicate flavor and quick growth. Per pkt 5c, oz 10c, 1 lb 15c, lb 40c.



German—Weize Ruben.
French—Navet.

One ounce will sow 150 feet of drill.
One pound will sow an acre.

American Breadstone—Of medium size, very quick growing and quite smooth. While, with faint colored top, the flesh is perfectly white, fine grained, and cooks in fifteen minutes, tender and sweet. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

White Milan—Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 80c.

White Flat Dutch—An excellent variety, the best for spring sowing. Per pkt 5c, oz 10c, 1 lb 20c, lb 50c.

Early Golden Ball or Orange Jelly—A rapid grower, excellent flavor, globe shape. Per pkt 5c, oz 10c, 1 lb 15c, lb 40c.

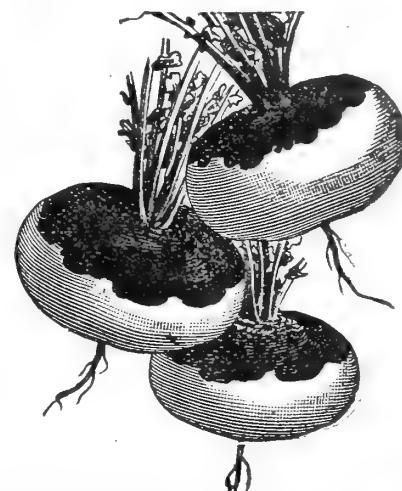
Red Top, Strap-Leaved—Fine grained and of buttery flavor, the best for market gardens. Per pkt 5c, oz 10c, 1 lb 15c, lb 40c.

Early White Egg—An egg-shaped variety for spring or fall sowing, flesh white, firm, fine grained, mild and sweet. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

White Nimble Dick—One of the best for market and general use, fine flavor and very early. Per pkt 5c, oz 10c, 1 lb 15c, lb 40c.

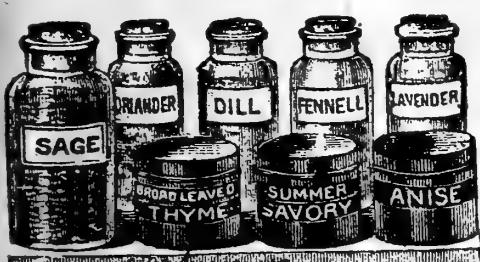
Maltese—Early variety, fine flavor. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.

Yellow Stone—Splendid for table use and late growing. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.



Red-Top, Strap-Leaved Turnip

Herb Seeds (Sweet, Pot and Medicinal)



Sage—Per pkt 5c, oz 20c, 1 lb 85c, lb \$1.25.

Cinnamon—Per pkt 5c, oz 25c, 1 lb 75c, lb \$2.50.

Asil Sweet—Per pkt 5c, oz 20c, 1 lb 75c, lb \$2.50.

Orange—Per pkt 5c, oz 25c, 1 lb 75c, lb \$2.50.

Caraway—Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.

Catnip or Catmint—Per pkt 5c, oz 50c.

Coriander—Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 40c.

Dill—Pkt 5c, oz 15c, 1 lb 85c, lb \$1.25.

Fennel Sweet—Per pkt 5c, oz 15c, 1 lb 50c, lb \$1.75.

Horseround—Per pkt 5c, oz 20c, 1 lb 75c, lb \$2.50.

Poppy Seed—Per pkt 5c.

Thyme—Perennial, 2 feet high. A useful herb. Per pkt 5c, oz 25c, 1 lb 75c, lb \$2.50.

Avender—An aromatic, medical herb. Pkt 5c, oz 15c, 1 lb 50c, lb \$2.00.

Lemon or Winter Thyme—Perennial, 6 inches. Per pkt 10c, oz \$1.00.

Summer Savory—Perennial, 5 feet. Per pkt 5c, oz 20c, 1 lb 75c, lb \$2.50.

Mint—Perennial, 4 foot high. Per pkt 10c, 1 oz \$3.

Marjoram Sweet—Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 85c, lb \$1.40.

Penroyal—Per pkt 10c.

Peppermint—Per pkt 10c.

Rosemary—Per pkt 5c, oz 85c, 1 lb \$1.25.

Thyme—Per pkt 5c, oz 20c, 1 lb 75c, lb \$2.00.

Campion—Perennial, 6 inches. Per pkt 5c, oz 30c.

Sage—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb 1.40.

Sage, Broad-Leaved—Perennial, 1 foot. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

Correl—Perennial, 6 inches. Pkt 5c.

Summer Savory—Pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb 75c.

Ansy—For medicinal use. Pkt 5c, oz 35c.

Arragon—Per pkt 10c.

Hyme—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.40.

Winter Savory—Pkt 5c, oz 20c.

Wormwood—Used medicinally, and is beneficial for poultry. Pkt 5c, oz 25c.

MISCELLANEOUS SEEDS

Wild Rice Seed

DIRECTIONS FOR SOWING—Put the rice in coarse cotton or linen bags, and sink them in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing these seeds except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible.

Wild Rice (Zizania Aquatica)—Per lb 30c, by mail 35c; 10 lbs or over 25c per lb.

Improved Evergreen Broom Corn

The stalks may be fed to cattle in a green state. Pkt 5c, lb 15c, 3 lbs 40c, postpaid.

German Camomile Flowers—Per oz 10c, lb \$1.00.

Bird Seeds and Requisites (If by mail add 4 cents per pound.)

	Per lb	Per lb
Canary Seed (3 lbs 25c).....	\$0 10	
Hemp Seed Russian (3 lbs 25c).....	10	
Mixed Bird Seed (3 lb pkts (25c) ..	10	
“ “ “ (1 lb pkts).....	10	
Millet Seed Chinese	5	
Sunflower Seed (3 lbs 25c).....	10	
Cuttlefish Bone (per oz 10c).....	50	
Rape Seed, German (3 lbs 25c)	10	
		Per lb
Maw or Poppy Seed, 1 lb postpaid	\$0 25	
Lettuce Seed	1 lb postpaid	30
Silver Washed Bird Gravel (3 lbs 10c, by mail	10c	25
Mocking Bird Food, 1 lb pkt postp	30	
Peter's Treat Song Restorer, pkt.	10	
Bird Lice Destroyer and Bellows.	30	
Simmers' Canary Powder, bottle.	25	

MEAL WORMS for insect eating birds, per 100 30c, 1,000 \$2.50 postage paid.

Bird seeds of all kinds, recleaned and free from dust and dirt, always on hand by the 100 lbs, at lowest market prices, and of the finest quality.

BIRD BOOKS

"American Bird Fancier" a very useful and instructive work on the care of birds, price 50c. **Cottam's New Illustrated Book on "Cage Birds,"** 25c, postpaid. **Brock's Book on Birds,** 25c.

BIRD CAKE

A delicious Treat and Song Restorative Food for Canary Birds. This food is prepared with the greatest care, the most delicate and nutritious preparation ever discovered for the longevity of Pet Birds. Our experience in handling restoratives for song birds enables us to recommend this Tonic in the form of food to prolong the life of birds confined in cages. It gives the songster a strong and clear voice, improves the plumage, and will keep birds, although very old, always in health by producing the desired effect on the digestive organs. Give to young, as well as to old birds.

Per cake 5c, 6 for 20c, per doz 35c.

Mammoth Sage Plants

The plants are very strong growing, the first season attaining 1 foot in height and spreading so that a single plant covers the space of 3 feet, the leaves are borne well above the soil, keeping them clean; they are very large and of unusual substance, strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage; perfectly hardy, it rarely flowers and never runs to seed. Price, each 10c, 3 for 25c, 7 for 50c, postpaid.

Toronto Parks

Lawn Grass

Seed . . .

is the
Best
Lawn Grass
Seed
for the
Canadian
Climate.



VEGETABLE PLANTS

By Mail or Express—Prices are Subject to Change

The fact that these plants are all grown from choicest stocks of seeds is sufficient recommendation as to the genuineness of the varieties. They can be shipped fresh and well packed at a day's notice. This is of the greatest importance to every planter.

When plants are to be sent by mail add postage at the rate of Twenty-Five Cents per One Hundred to prices of Cabbage, Celery and Cauliflowers and Forty Cents per One Hundred to prices of Tomatoes.

Cabbage, Early—Ready April 20th to 30th.

Early Jersey Wakefield..... \$0 30

Simmers' German Brunswick..... \$0 50

Henderson's Early Summer..... \$0 50

Cabbage, Late—Ready June 1st.

Simmers' German Brunswick..... \$0 30

Surehead..... \$0 30

Savoy Drumhead..... \$0 30

Red Drumhead..... \$0 30

Cauliflower—Ready April 20th to 30th.

Early Dwarf Erfurt..... \$0 40

Early Snowball..... \$0 40

Cauliflower—Ready May 20th to 30th.

Early Snowball..... \$0 30

Dwarf Erfurt..... \$0 30

per 50 per 100

\$0 30 \$0 50

30 50

30 50

20 30

20 30

20 30

20 30

40 75

40 75

30 50

30 50

Celery—Ready June 1st.

White Plume..... \$0 40

Paris Golden Yellow..... 40

Celery—Ready June 20th.

Paris Golden Yellow..... 40

White Plume..... 40

Simmers' Large Ribbed White..... 40

Pepper—Long Red..... per doz \$0 15

Tomato—Ready May 15th to 30th.

Ignotum..... 15 50

Mikado..... 15 50

Dwarf Champion..... 15 50

Table Queen..... 15 50

Sweet Potato Plants—Extra Early Carolina and Early Nansemond..... 30 75

We shall be pleased to make special prices on large quantities.

TREE SEEDS

Deciduous and Evergreen, Ornamental, Shade, Forest, Hedge and Fruit

"Trees can be as easily grown from seed as the most common vegetable."—Fuller.

CULTURE—Sow early in spring, in well prepared beds, about two inches deep. When the seeds begin to germinate cover the bed lightly with boughs to shade the young plants from the sun. When the plants are all up, the brush should be gradually removed, but replaced again before the set in. Let the plants remain in the beds for about two years, then transplant into rows two feet apart, leaving about twelve inches between plant. Keep the ground clean, and when the plants are strong enough remove them to where they are intended to remain.

Apple Pips—Per oz 10c, $\frac{1}{2}$ lb 15c, lb 50c.

Arbor Vitæ, American (*Thuya Occidentalis*)—A small tree about 30 feet high; popular for hedges, screens, etc. Pkt 10c, oz 25c, lb \$2.50.

Barberry (*Berberis Vulgaris*)—One of the best hedge plants grown. It is very hardy, and forms a dense shrub of 4 to 8 feet high, covered with sharp, stout prickles. Pkt 5c, oz 15c, $\frac{1}{2}$ lb 30c, lb \$1.

Beech (*Fagus Ferruginea*)—A noble forest and shade tree of graceful habit. Wood hard and excellent for many mechanical purposes. Pkt 10c, oz 15c, lb \$1.

Black Thorn (*Prunus Spinosa*)—Pkt 5c, oz 10c, $\frac{1}{2}$ lb 30c, lb \$1.

Black Walnut (*Juglans Nigra*)—Grows rapidly in good rich soil. The nuts should be planted in the fall. Lb 10c, postpaid 15c, peck 60c, bush \$2.

Catalpa, Hardy Western (*Catalpa Speciosa*)—A handsome shade and ornamental tree of tropical appearance. Foliage large and luxuriant. Flowers borne in large pannicles late in the spring. In favorable locations it attains a height of 60 feet or more, it is a very rapid grower, is very hardy and has been tested up to 40 degrees north latitude. Wood very durable. Valuable tree. Per oz 10c, $\frac{1}{2}$ lb 30c, lb \$1.

Honey Locust (*Gleditschia*)—A well-known tree of ornamental and graceful appearance, extensively used for hedges. Pkt 5c, oz 10c, lb 40c.

Maple, Sugar (*Acer Saccharinum*)—A beautiful as well as a valuable rapid growing tree, preferring a calcareous soil. Pkt 5c, oz 10c, lb \$1.25.

Mountain Ash (*Prunus Americana*)—Much cultivated for ornament, for which its fine foliage, clusters of white flowers and red berries eminently qualify it. Pkt 5c, oz 10c, lb \$1.

Norway Spruce (*Abies Excelsa*)—A very popular hedge, evergreen extensively used for sheltering and for screens. Pkt 5c, oz 10c, lb \$1.

Osage Orange (*Maclura Aurantiaca*)—A well-known hedge, native of the Southern States. Pkt 5c, oz 10c, lb 60c.

Pear Seed—Pkt 10c, oz 20c, lb \$2.

Pine, Austrian (*Pinus Austriaca*)—One of the most popular, being very hardy and ornamental. Grows very rapidly and to a height. Pkt 5c, oz 15c, $\frac{1}{2}$ lb 40c, lb \$1.50.

Pine, Scotch (*Pinus Sylvestris*)—One of the most rapidly growing species of pines, very suitable for screens for the protection of orchard buildings. Pkt 5c, oz 15c, $\frac{1}{2}$ lb 40c, lb \$1.50.

Pine, Sugar (*Pinus Lambertiana*)—This magnificent tree grows to a height of 300 feet, and endures the cold of the North-West without it. Pkt 10c, oz 50c, lb \$5.

Quince (*Cydonia Vulgaris*)—Small irregular trees, bearing an excellent fruit for preserves and jellies. Pkt 5c, oz 20c, lb \$2.

Russian Mulberry—A variety of Mulberry brought by the Menn from Russia, and as it grows to the height of 30 feet in a few years, stands the cold of the North-West, will no doubt become a standard for country. Pkt 5c, oz 25c, $\frac{1}{2}$ lb 75c, lb \$2.50.

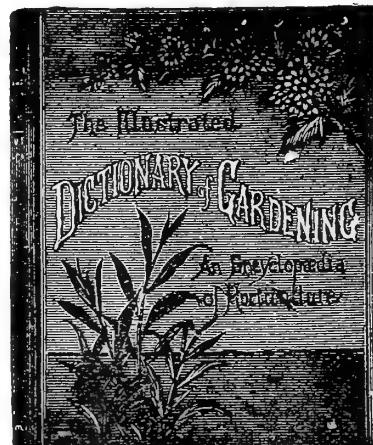
Collection of Tree Seeds for 25 Cents

One packet each of Black Thorn, Honey Locust, Sugar Maple, Mountain Ash, Norway Spruce, Austrian Pine, Russian Mulberry—7 packets for 25 cents by mail, postpaid.

BOOKS, Agricultural and Horticultural

(All Books Sent Postpaid on Receipt of Price)

Apple Culture, Field Notes on.	Bailey	\$0 75
Art of Propagation. Treats of trees and plants		40
Allan's New American Farm Book		2 00
American Bird Fancier		50
Animal Breeding. Thomas Shaw		1 50
Asparagus. F. M. Hexamer		50
Alfalfa. F. B. Coburn		50
Bailey's Field Notes on Apple Culture		75
Barry's Fruit Garden. New edition		1 50
Bee Keeping Explained. Quinby		1 00
Breeds, Study of. Thomas Shaw		1 50
Bulbs and Tuberous-Rooted Plants. C. L. Allen		1 50
Cabbage, Cauliflower and Allied Subjects. C. L. Allen		50
Cabbage, Treatise on. By J. H. Gregory		30
Canadian Bee Journal. Per annum		1 00
Cranberries. James Webb. Paper		40
Celery for Profit. Greiner		20
Cottam's Illustrated Book on Cage Birds		25
Crops, Spraying. C. M. Weed		25
Dairymen's Manual. Practical treatise on the dairy		1 50
Diseases of Swine. D. McIntosh		2 00
Draining, Land. M. Miles		1 00
Farming Conveniences. Two hundred engravings		1 00
Feeds and Feeding. W. A. Henry		2 00
Fern Book for Everybody		\$0 75
Fertility of the Land, The. I. P. Roberts		1 25
Flax Culture		30
Flower Bulbs and Their Culture. Published by J. A. Simmers		25
Flower Garden, Beautiful. Matthews		40
Forage Crops Other Than Grasses. By Thomas Shaw		1 00
Fruit Culturist, American. Thomas		2 50
Fruit Harvesting, Marketing, Etc. F. A. Waugh		1 60
Fumigation Methods. W. G. Johnston		1 00
Fuller's Grape Culturist		1 00
Fungi and Fungicides. C. M. Weed. Paper		50
Gardening for Pleasure. New, revised and enlarged edition		1 50
Gardening for Profit. New, revised and enlarged edition		1 50
Gardening for Young and Old. By J. Harris		1 00
Grape Growing and Wine Making. Husman		1 50
Greenhouse Construction. Prof. L. R. Taft		1 50
Greenhouse Management. By Prof. L. R. Taft		1 50
Handbook on the Grasses of North America		2 50
Harris' Talks on Manures		1 50
Hedges, Windbreaks, Etc. E. P. Powell		50
Heinrich's Window Flower Garden		50
Hemp. S. S. Boyce		50
Henderson's New Handbook of Plants. One thousand illustrations		3 00
Home Pork Making. A. W. Fulton		50
Hop, The. Myrick Herbert		1 50



Parsons on the Rose. New and revised edition	
Peach Culture. Fulton	
Pear Culture for Profit	
Plums and Plum Culture. F. A. Waugh	
Practical Floriculture. Henderson	
Practical Forestry. By A. S. Fuller. Cloth. Illustrated	
Prize Gardening. F. B. Fiske	
Profits in Poultry, and Their Profitable Management	
Propagation of Plants	
Pruning Book, The. L. H. Bailey	
Roe's Play and Profit in My Garden	
Shepherd's Manual. Enlarged edition. Henry Stewart	
Silos, Ensilage and Silage. Miles	
Soiling Crops and the Silo. Thomas Shaw	
Spraying of Plants, The. E. G. Lodeman	
Strawberry Culturist. Illustrated	
Sugar Industry. The American	
Swine Husbandry. Revised edition. F. D. Coburn	
The Illustrated Dictionary of Gardening. Nicholson's. A complete encyclopedia of horticulture, in 4 volumes. Carriage extra	
The "ABC" of Agriculture	
The New Rhubarb Culture	
Vegetable and Flower Garden. Published by J. A. Simmers	
Wallace's Notes on Lilies. Illustrated. Cloth. 215 pages	
Your Plants	

FARM SEEDS

CONDITIONS OF SALE—It is impossible for us to guarantee the crop in any way, as there are so many causes over which we can have no control that operate against the growth and productiveness of the seeds. All seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop.

Add 4c per pound postage to all varieties of **Field Carrot, Sugar Beet, Angel and Turnips.**

SUGAR BEETS

Sow from the middle of April to the first of June, in drills 2 feet apart, then thin to 9 inches to the row. Six pounds of seed per acre, average yield 20 to 25 tons per acre. For milch cattle they are most valuable.

Danish Improved Sugar Beet—This variety is distinguished by its great productiveness; in rich, deep soil, in good cultivation nearly approaching the standard varieties of Mangel Wurzels, in yield of bulk (they standing closer than the Mangels), in connection with a high percentage of sugar. For fattening purposes, and for feeding to milch cows, in cases where a liberal flow of rich, creamy milk is the main object (for butter production), this variety is, especially to be recommended. It is one of the cleanest and best beets for cattle feeding that we have.
Price— $\frac{1}{4}$ lb 10c, lb 30c, 5 lbs \$1.35, 10 lbs \$2.50.

Improved Imperial Sugar Beet—The most popular Sugar Beet for feeding cows, sheep or swine. Yields as much as most Mangels, and contains 8 per cent. of sugar. Has yielded 30 to 40 tons per acre at a cost of 5 cents per bushel. $\frac{1}{4}$ lb 10c, lb 25c, 5 lbs or over 20c per lb.

Wanzleben—In Europe this kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. Easy to dig, is a heavy yielder, and contains from 12 to 15 per cent. of sugar. $\frac{1}{4}$ lb 10c, lb 30c, 5 lbs or over 25c per lb.

Red Top Sugar—An excellent variety, growing to a very large size. $\frac{1}{4}$ lb 10c, lb 25c, 5 lbs or over 20c per lb.

White Silesian—The root is slender, being about 3 to 4 inches in diameter at the shoulder, and tapers gradually to a point. Yields nearly 20 tons per acre, containing 8 per cent. of sugar. $\frac{1}{4}$ lb 10c, lb 25c, 5 lbs or over 20c per lb.

SUGAR BEET—Culture of, by Herbert Myrick.
Price 50c.



Danish Improved Sugar Beet

FIELD CARROTS

SIMMERS' IMPROVED GIANT SHORT WHITE—We always aimed this carrot to be the equal, if not the superior, of every white field carrot, and it has certainly fully proved all we ever said about it. It is of good shape, very broad at the shoulder, tapering to a point; its surface is very smooth, with few or no roots growing on the sides. In texture it is very fine, and in color pure white, with an excellent flavor. These are the individual points of the carrot. In addition it is a very **heavy cropper**, in fact it is far the **heaviest** of any other we have ever heard of, and on account of its shape and of its smooth skin, it is **easily harvested**. The above is a true description of the carrot we offer as our **Improved Giant Short White**, and for its own qualities it should be grown by everyone who wants a white field carrot. It is especially suitable for shallow soil. In shape it very much resembles the Oxheart, except that the roots grow more to a point. When other varieties require digging, our **Improved Giant Short White** can be **pulled**. Try it for yourself, and you will not be disappointed. Oz 5c, $\frac{1}{4}$ lb 15c, lb 45c.

Large White Belgian—This attains the largest size, and will yield more in bulk than any other sort grown. The root is thick and long, growing from $\frac{1}{4}$ to $\frac{1}{2}$ of its length above the surface. Oz 5c, $\frac{1}{4}$ lb 15c, lb 50c.

Yellow or Orange Belgian—Color pale orange. A good keeper. Oz 5c, $\frac{1}{4}$ lb 15c, lb 50c.

Improved Long Orange or Surrey—A standard late variety, handsome and uniform in shape, deep orange color, good flavor, yields heavily. Oz 5c, $\frac{1}{4}$ lb 15c, lb 50c.

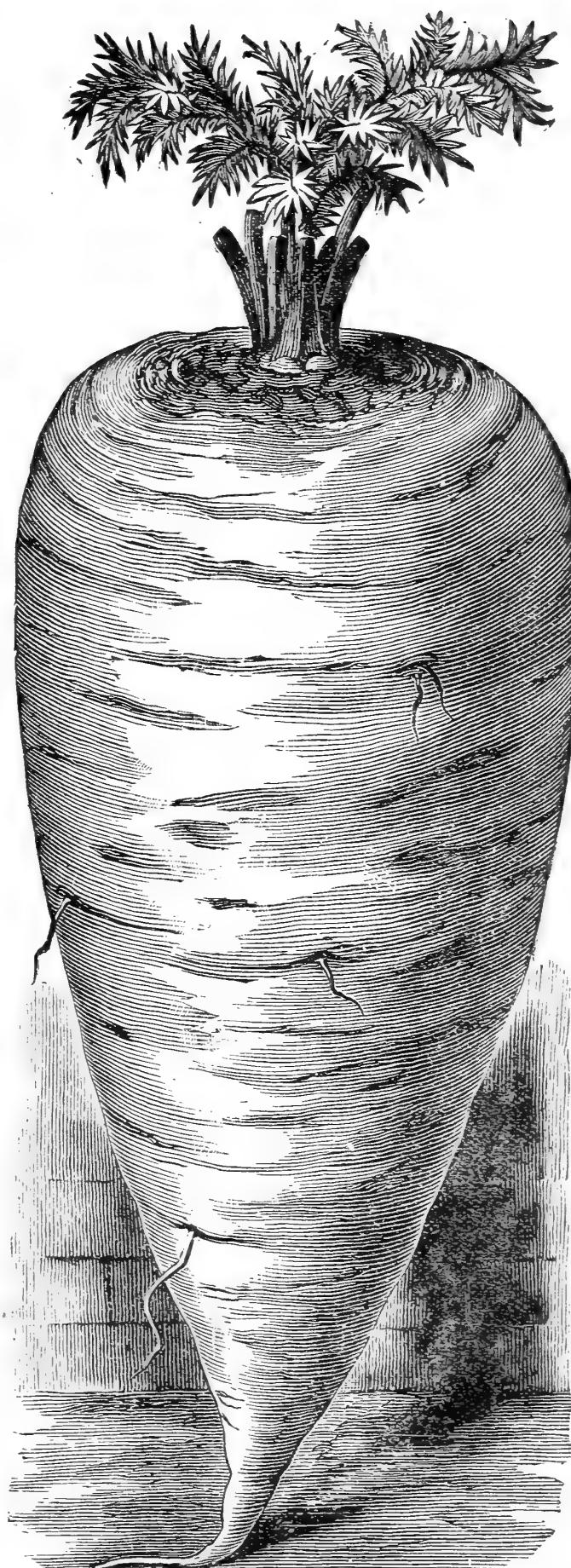
Altringham—A long red variety profitably grown for field or general crop. Oz 10c, $\frac{1}{4}$ lb 20c, lb 70c.

Scarlet Intermediate—Stump-rooted, valuable variety for shallow soils. Oz 10c, $\frac{1}{4}$ lb 20c, lb 70c.

Special Offer, No. 18

SIMMERS' IMPROVED GIANT SHORT WHITE CARROT, and DANISH IMPROVED SUGAR BEET

We hold a very large and carefully selected stock of Agricultural Seeds of the most reliable quality and unequalled in Canada.



Simmers' Improved Giant Short White Carrot

1	oz each of the two Varieties, 10c Postpaid.
1-4 lb	" " " 20c "
1 lb	" " " 75c "

MANGEL WURZEL

If Wanted by Post Add Four Cents Per Pound

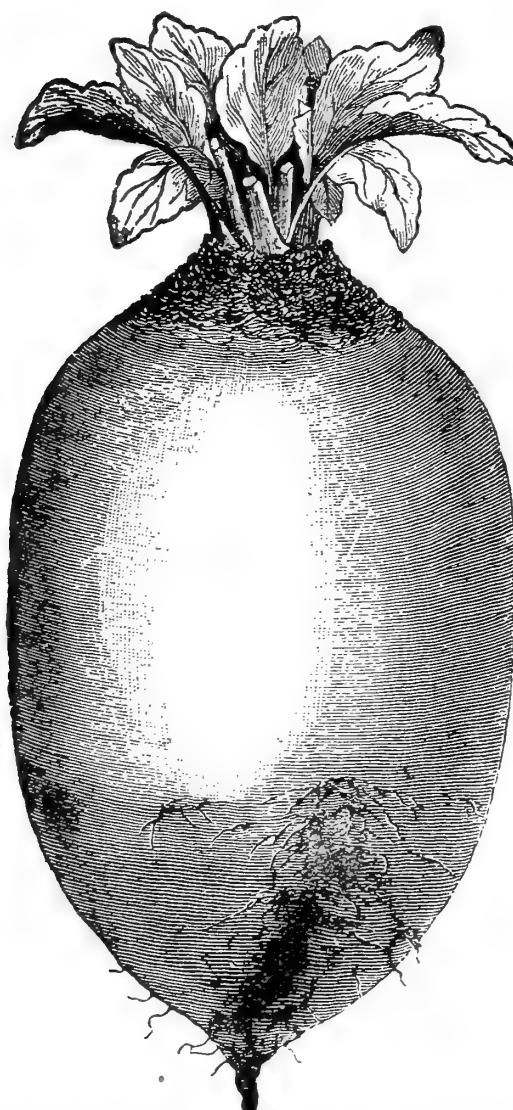
We have a very fine trade on Mangel Seed, and are careful to see that our stocks keep pace with all the improvements that are being made from year to year. We have our seed grown under contract in England by experts in that line, as there is no place in the world where Mangels and Turnips are produced in such perfection. Mangel and Turnip Seed can be grown in the south of France for less than one-half the price we pay for our seed, but as it cannot be depended on to give satisfaction we do not handle it.

✓ **Simmers' Mammoth Prize Long Red**—Our stock is a great improvement on the old variety. The roots are very large, uniformly straight and well formed. Color deep red. Roots solid. Tops small. Roots attain a large size, specimens being exhibited which weighed 55 pounds. Produce an immense bulk and tonnage. Per $\frac{1}{2}$ lb 10c. lb 20c; for 5 lbs and over, per lb 18c.

Chirk Castle Strain Mammoth Long Red Mangel—The greatest Mangel of the century. This new strain of the Mammoth Long Red Mangel is enormously productive; 1,500 to 1,800 bushels per acre is nothing uncommon on good soil, and many experimental stations and trial tests the past year have produced considerably more. Single specimens have weighed over 60 pounds each. It is particularly remarkable for its handsome shape and broad shoulders, in diameter being greater and its weight very much heavier. The flesh is red, of very fine texture and quality, containing less water and more sugar than any other mangel, making it more nutritious and milk-producing. Sheep and other stock thrive better when fed on it, picking out pieces of it in preference to other kinds. Prominent mangel authorities consider this strain by far the most valuable and profitable of all mangels. Per $\frac{1}{4}$ lb 10c, lb 30c; 5 lb and over, per lb 27c.

Long Red—The old popular variety, yielding heavy crops. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Champion Yellow Globe—This is one of the most generally grown of all the different varieties of mangels, and is very productive, easily pulled and an excellent keeper when stored in heaps for winter use. It is spherical in shape and an orange-yellow color—the portion growing above the surface is tinged with green. The flesh of the root is yellow, firm and sugary. Per $\frac{1}{2}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

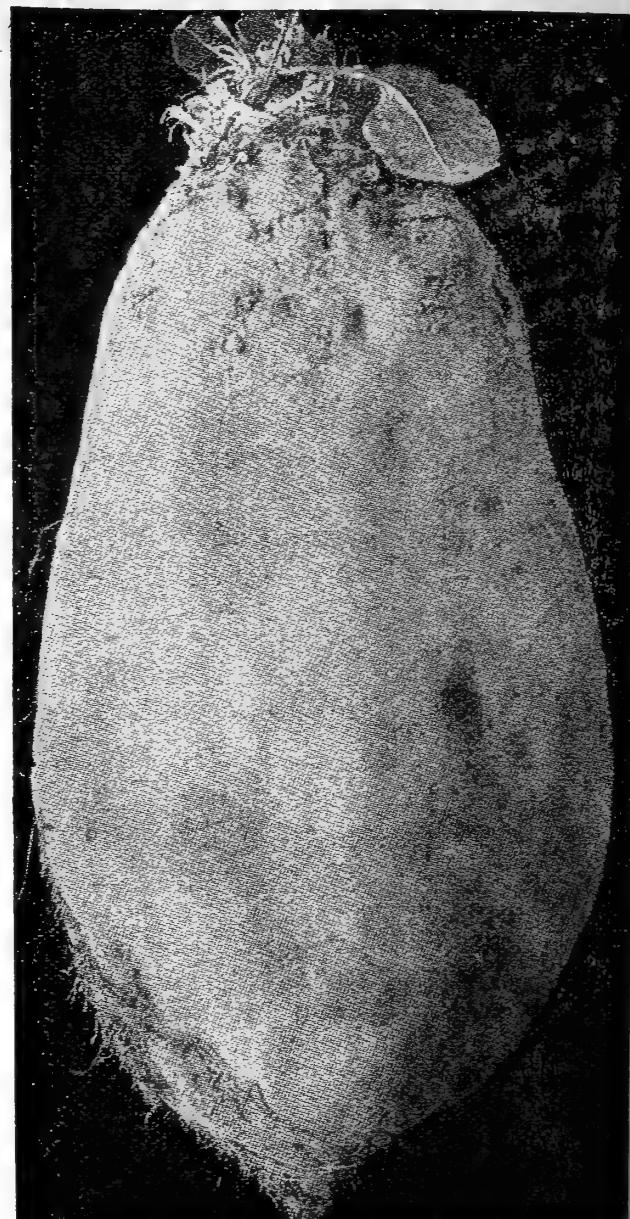


Giant Yellow Intermediate or Mammoth Half-Long Mangel

SPECIAL OFFER, NO. 19

- | | |
|--|---------------|
| Simmers' Improved Giant Short White Carrot. | |
| Simmers' Improved Mammoth Prize Long Red Mangel. | |
| Simmers' Improved Selected Champion Purple-Top Swede Turnip. | |
| 1 oz each of above 3 varieties .. | 15c, postpaid |
| ½ lb " " " .. | 30c, " |
| 1 lb Mangel, 1 lb Turnip, ½ lb Carrot, ½ lb Danish Improved Sugar Beet | 85c, " |

"How to Grow Mangel Wurzel," J. H. Gregory, 35c.



Chirk Castle Strain Mammoth Long Red Mang

are in a much better condition fed on hay and Golden Tankard Mangel alone than if fed on hay, Yellow Globe Mangel and four pounds of linseed cake per day. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 pounds and over, per lb 18c.

✓ **Mammoth Red Intermediate, or Red Oval-Shaped Giant**—Very large and solid, fine grained variety, suitable for heavy ground, keeping as well as turnips during winter. Per $\frac{1}{4}$ lb 10c, lb 20c; 5 lbs and over, per lb 18c.

✓ **Red Flesh Tankard**—A very large and heavy cropper, with small top and single root, very solid and nutritious. Per $\frac{1}{2}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Long Yellow—Similar in growth to Long Red, and considered by some growers sweet in flavor and therefore preferred by cattle. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 1

Giant Yellow Intermediate, or Mammoth Half-Long—This excellent mangel, first introduced by us, is considerably larger than the Yellow Globe Mangel, is a beautifully russet yellow color. As shown in the illustration, it is remarkably even in shape, rather elongated, and of vigorous growth; it has a fine neck, large leaves with green stems, a very smooth, fine skin. The flesh is white, firm and sweet, greatly relished by cattle. 1 lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

On any order for Carrot, Mangel
zel or Turnip Seed amounting to \$
we will, if requested, include a cop
"Dairying for Profit," by Mrs. E. M. Ja
a very concise and useful work of si
nine pages.

CHICORY

Chicory seed should be sown in the spring drills half an inch deep, and in good mellow soil the after culture is the same as for Carrots. In autumn the plants will be ready for blanc when it is used as a salad. The principal use of Chicory, however, is to use with coffee. One pound of seed will sow about 100 feet of drill, and two to three pounds an acre.

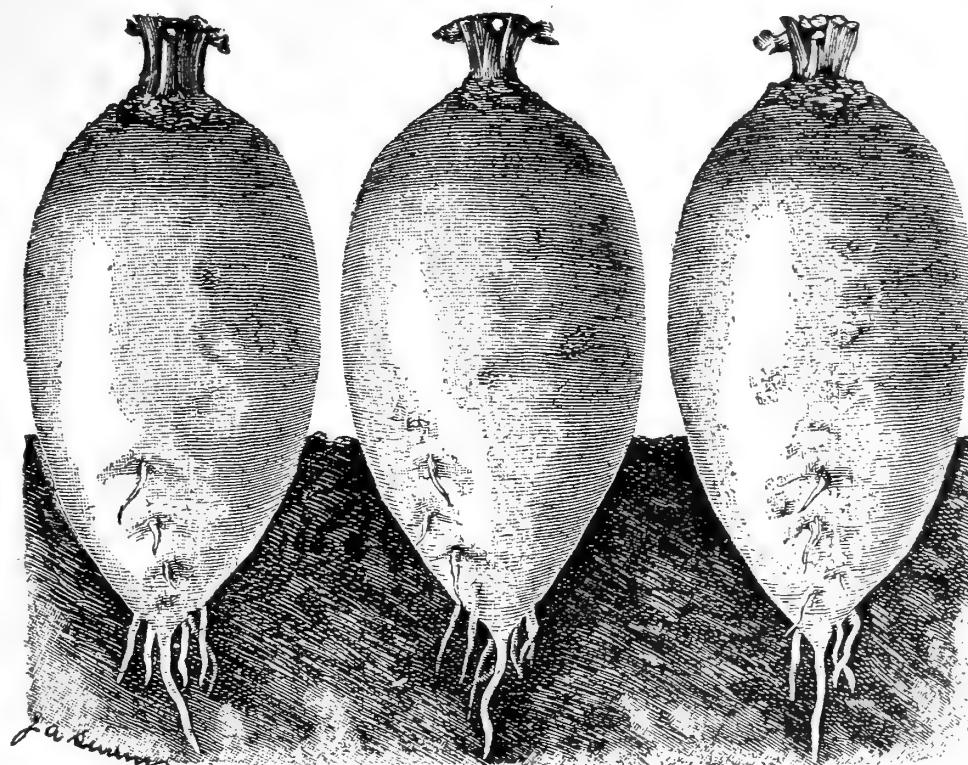
Large Rooted Long Madgeburg—P
oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 40c; 5 lbs or
per lb 35c.

Imperial Giant Half-Sugar Beet

UITELY DISTINCT FROM ANY OTHER ROOT IN CULTIVATION

This new type is a cross between the Sugar Beet and Mangel Wurzel, combining the large size of the former and the superior sugar qualities of the latter, we consider it to be one of the most valuable productions of recent years. Among the trials of d roots the past season, none was more promising in this. The root, which is well shown in the accompanying illustration, is intermediate in shape, being upright, and at least three-fourths of its length out of the ground. The color of the root is deep pink above the ground, shading lighter and sometimes almost white at the tip. The flesh is white, firm and very sweet, and greatly relished by cattle. It is certainly a magnificent root, and promises enormous crops. The fact of the roots growing 1 above ground allows them to be the easiest of all roots to harvest.

Price, per one-quarter pound **10 cents**, per pound **30 cents**; five pounds and over at **25 cents** per pound.



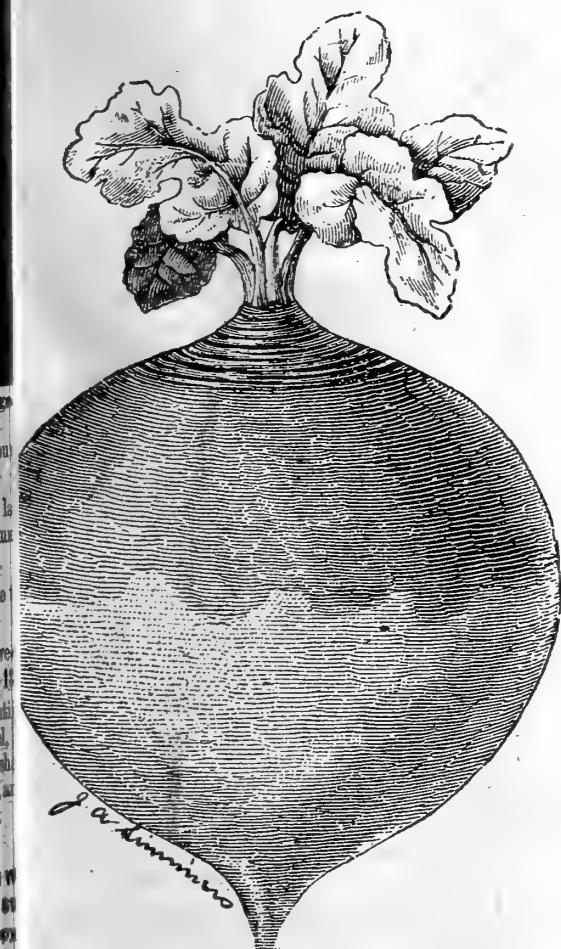
Imperial Giant Half-Sugar Beet

UNIVERSAL PURPLE-TOP SWEDE TURNIP

One of the Best Purple-Top Swedes for All Soils

A magnificent new variety of exceedingly hardy constitution, standing well during severe weather, and keeping sound and good until very late in the spring, when many other varieties have failed. The root is well shown in our illustration, stands high out of the ground, and is of handsome appearance. The yellow flesh is solid, of rich quality, and much appreciated by all classes of stock. Growing but a small top, with its uniform shaped root it will stand somewhat thicker in the rows than most Swedes, when a very heavy weight per acre can be grown.

Price, per one-quarter pound **10 cents**, per pound **30 cents**; five pounds or over at **25 cents** per pound.



Universal Purple-Top Swede Turnip

Special Offer, No. 20

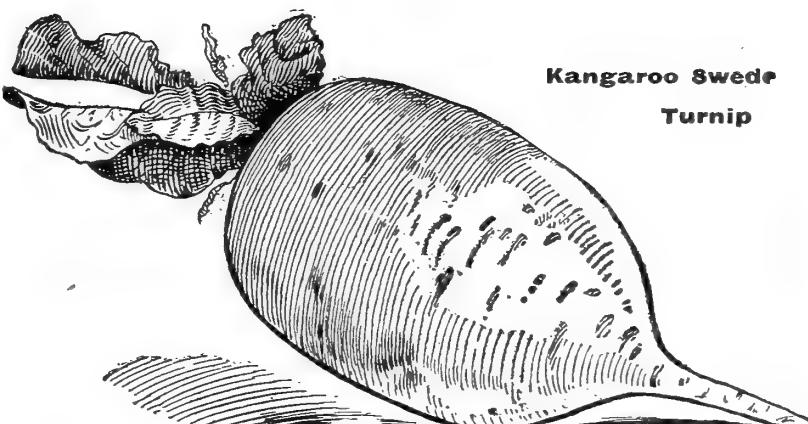
Imperial Giant Half-Sugar Beet
Universal Purple-Top Swede Turnip

Kangaroo Swede Turnip

One-quarter pound, each **25 cents**, one-half pound each **45 cents**, one pound each **30 cents**, postpaid.

This Swede is particularly adapted to soils and districts that are cold and backward

Kangaroo Swede Turnip



Kangaroo Swede Turnip

A very hardy Swede, similar in size and growth to Elephant, color a bronze-green

This splendid hardy Swede possesses the heavy cropping features of the famous Elephant or Monarch, with the grand constitution of the best types of bronze-green top Swedes, and is increasing in popularity each year, particularly in those districts where the land lies exposed and is consequently cold and backward. It has been largely grown in the lower provinces of Canada, where it has produced the heaviest crops ever known in that section of the country.

Price, per one-quarter pound **10 cents**, per pound **30 cents**; five pounds or over at **25 cents** per pound.

TURNIPS

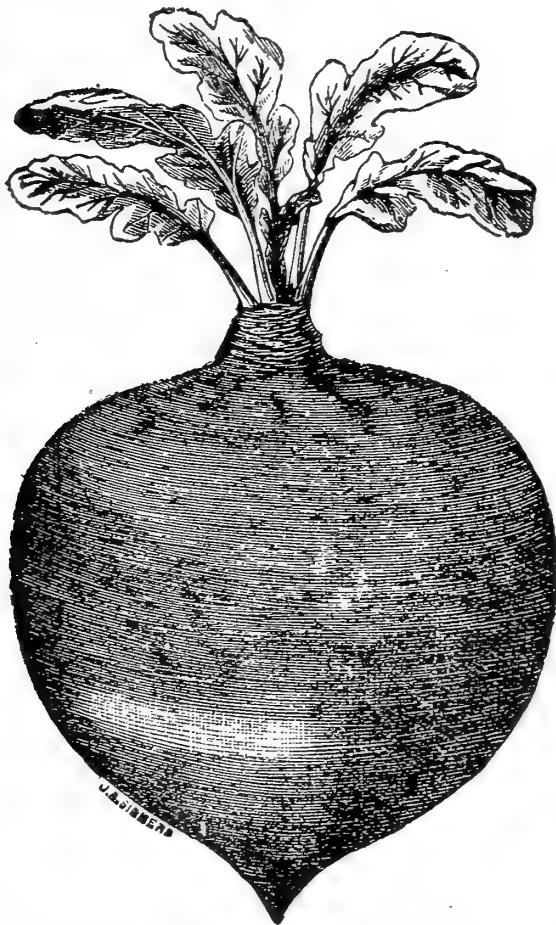


Grown from Selected Roots

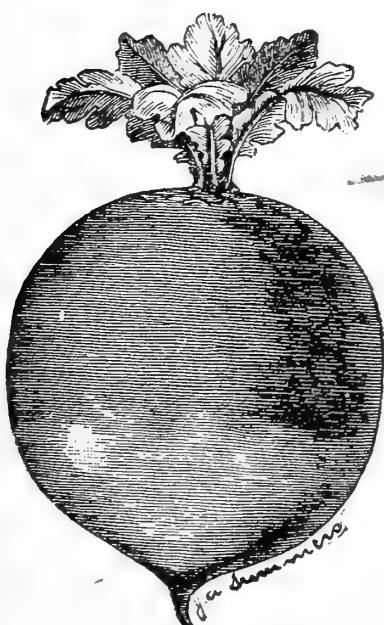
The following are the most popular standard English and other varieties, having for years given the greatest satisfaction to our numerous customers, being procured from the *most reliable growers*. The **Swedes** are sown from May until the middle of July; the **Aberdeens** and **Globes** from July to the latter part of August. *If sown broadcast, from 1 to 2 pounds are required to the acre; and if sown in drills, from 2 to 4 pounds are required to the acre.*

To the price of Turnip seed, **when ordered by mail add 4c. per pound for postage**, and the seed will be sent at the prices quoted. Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip seeds.

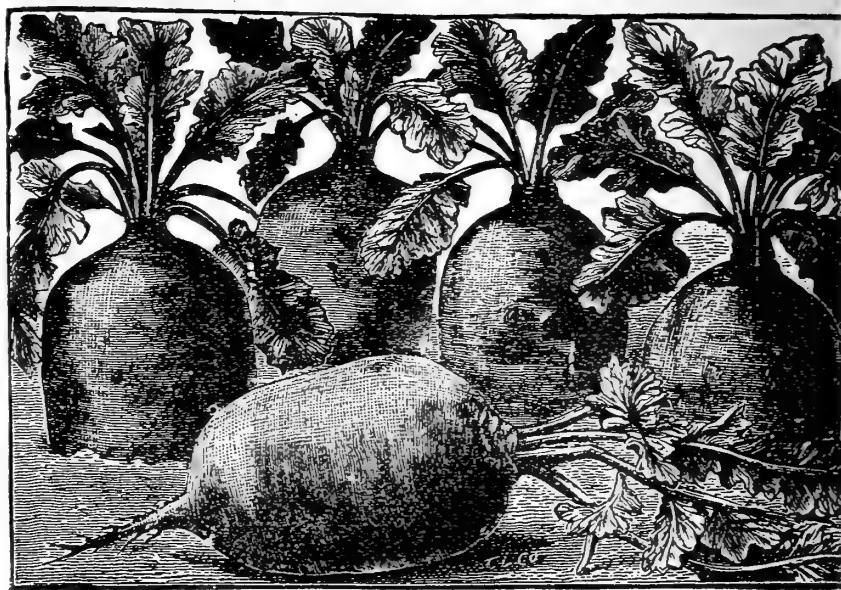
✓ Simmers' Champion Purple Top Swede



Simmers' Champion Purple Top Swede Turnip



Simmers' Defiance Swede Turnip



Elephant or Monarch Swede

This magnificent Swede, the result of judicious selection, is the hardiest, most productive and most nutritious purple top variety in cultivation. It is a large yellow, slightly oblong, with single tap-root; free from coarseness of neck, and for uniformity of crop and keeping qualities is superior to all other Swedes. It produces a very heavy weight per acre, keeps sound and good until late in spring; flesh always rich and sweet in flavor. Per $\frac{1}{4}$ lb 10c, lb 25c, in 5 lb lots and over, 20c per lb.

✓ Elephant or Monarch

The reports received during past years from all sections of Canada pronounce this Turnip to be unequalled in size, quality and uniformly handsome appearance. The yield compared with other well-known roots, has been from 2 to 6 tons more per acre. In shape it is very distinct, being of the Tankard type. The crown of the bulb is a beautiful bright purple and the lower half deep yellow; the flesh is very solid and nutritious and there is an almost total absence of fibrous or fangy roots. During the past seasons this variety has proven most satisfactory, so much so that we have every confidence in recommending Elephant or Monarch Swede to the farmers of the Dominion. Per $\frac{1}{4}$ lb 10c, lb 25c, 5 lbs or over 20c per lb.

✓ Simmers' Defiance Swede Turnip

This magnificent variety is unquestionably the most profitably of all bronze top Swede turnips, as well as the hardiest, heaviest, best shaped and by far the most productive, a yield of 1,000 bushels per acre and over, under careful cultivation, being of frequent occurrence. Bulbs are somewhat oval in shape, slightly oblong and remain sound and good indefinitely. Flesh is of a beautiful yellow color, always sweet, tender, juicy and nutritious, a variety that should be sown in preference to all others. Per $\frac{1}{4}$ lb 10c, lb 25c, 5 lbs or over 22c per lb.

✓ BANCHOLM IMPROVED PURPLE TOP

Large and solid, should be sown on rather heavy loam. Per $\frac{1}{4}$ lb 10c, lb 20c, 5 lbs or over 18c per lb.

Carter's Imperial —On properly prepared ground never failing to produce a heavy crop of well-shaped, solid roots	10c 20
Drummond's Purple Top Swede —A selected Scotch variety of great excellence, globular in shape, large solid of finest quality	10 20
East Lothian Purple Top —A favorite variety, solid and not liable to run to necks	10 20
Fettercairn Green Top —One of the oldest and most extraordinary heavy yielding varieties on rich loamy ground	10 20
HIGHLAND PRIZE —A very heavy cropping Swede and an excellent keeper, the roots being of handsome oval shape, uniform size	10 20
Hazzard's Green Top —Distinct variety; the flesh is firm and white, its hardy keeping qualities are superior to most sorts, and adapted to either field or garden cultivation	10 20
Hartley's Bronze-Top —Oval-shaped bulbs, large and solid, small neck and single tap-root, rich in quality, productive and a good keeper	10 20
Hall's Westbury —A very fine quality of Swede, good keeper	10 20
Knowfield Purple Top —A large solid variety, of oblong shape and suitable for clay ground	10 20
King of the Swedes —Very much like the preceding variety, but somewhat more uniform in size	10 20
Laing's Improved Purple Top —A globe-shaped variety, with small top and tap-root, suitable for sandy ground	10 20
Royal Norfolk Purple Top —A favorite variety with Norfolk growers, being a heavy cropper, very nutritious and a good keeper, one of the best	10 20
Sutton's Champion Purple Top —One of the heaviest yielding varieties and a general favorite	10 20
Skirving's Improved Purple Top —Large, of solid, strong and quick growth, suitable for clay soil	10 20
Sharpe's Improved Purple Top —A very heavy cropper, with small top, thin neck	10 20
Scottish Champion —Fine large roots, good for heavy soils	10 20
Shamrock Purple Top —Producing on well-prepared ground the heaviest and most uniform crop, of well-shaped roots	10 20
White Giant Purple Top —A quite distinct sort, of enormous size, preferred by many growers to the yellow varieties	10 20
YELLOW AND WHITE VARIETIES	
Aberdeen Purple Top Yellow —For sowing after the Swedes	10 20
Aberdeen Green Top Yellow —With green tops	10 20
White Globe —For sowing after the Aberdeen, late as August	10 20
Cow Horn —Long, white, in shape resembling a cow horn	10 30
Red Globe Norfolk —Medium sized; should be fed early	10 20
Improved Purple Top Mammoth —A variety producing a greater weight per acre than any other turnip, fine shape, excellent for early feeding, keeps well in winter if sown late	10 20
Greystone —A white variety, sown as late as the preceding	10 20

Fodder Corn

THESE PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

Send for Weekly Price List of Seed Grains, Clovers and Grasses.
When ordering Corn do not forget to include price of Bags.

PRICES QUOTED ARE NET CASH

DENT VARIETIES

Simmers' Earliest Ripe Fodder Corn

This corn will ripen in 60 days and furnish magnificent feeding corn just at a time when farmers are short of corn. If you plant this early you will have fine feeding corn by July, when you can re-plant same and have good Fodder Corn in September. Now there has been for the past few years a great demand, or better, a call, for an extremely early Fodder Corn, and in order to meet this demand, we now offer the most perfect, earliest, rich Fodder Corn in existence. This corn will ripen out ears inside of 60 days after planting, and usually from 2 to 3 ears on the stalk. The foliage is about 6 feet high, very leafy and bushy, and contains a tremendous amount of nutritious matter. The farmer can easily figure out the great profit in having a Fodder Corn extremely early, and he can then feed this rich, luxuriant Simmers' Earliest Ripe Fodder Corn. Lb 15c, 3 lbs 40c, postpaid; by express or freight, peck 50c, bush \$1.75.

White Giant Early Dent—This variety stands at the head of all for hardiness and productiveness; not quite so early as some, but still early enough to mature fully. Stalks and leaf very heavy. Lb 15c, 3 lbs 40c, postpaid; peck 35c, bush \$1.35.

White Cap Yellow Dent—*This corn is the best early for ensilage yet introduced. Large, heavy stalks and ears.* This variety has more genuine merit, more fine and lasting points than any corn in cultivation. It is from 7 to 10 days earlier than many varieties, and on poor, thin soil will out-yield the Leaming by at least 30 per cent. The originator claims it has more testimonials for earliness, easy shelling, productiveness, beauty, growing strength, fodder and all round qualities than any other variety. Lb 10c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25, 5 bush at \$1.20.

The Early Mastodon—Claimed to produce the longest grains and longest ears of any 100-day corn in cultivation, with most extraordinary yielding qualities. It grows quick, strong and powerful. Lb 10c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25, 5 bush at \$1.20.

Wisconsin Yellow Dent—This variety is in every way one of the most desirable. Average weight of ears 9 to 10 ounces, with many rows, there being generally from 8 to 20 and often as high as 21, kernels of a bright yellow color; cob red. Lb 10c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25, 5 bush at \$1.20.

Wisconsin White Dent—Ears average 16 rows, grains extra long and wide, 2 of which will span the cob, which is usually small for the size of the corn, and is generally white. The stock is short and thick, with ears set low; roots deep, easily withstanding severe storms and droughts. Lb 10c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25, 5 bush at \$1.20.

Hickory King Corn—Of strong, vigorous growth, the stalks take a firm hold in the ground and stand upright, resisting the severest storms. It yields splendid crops on light soil. Lb 10c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25.

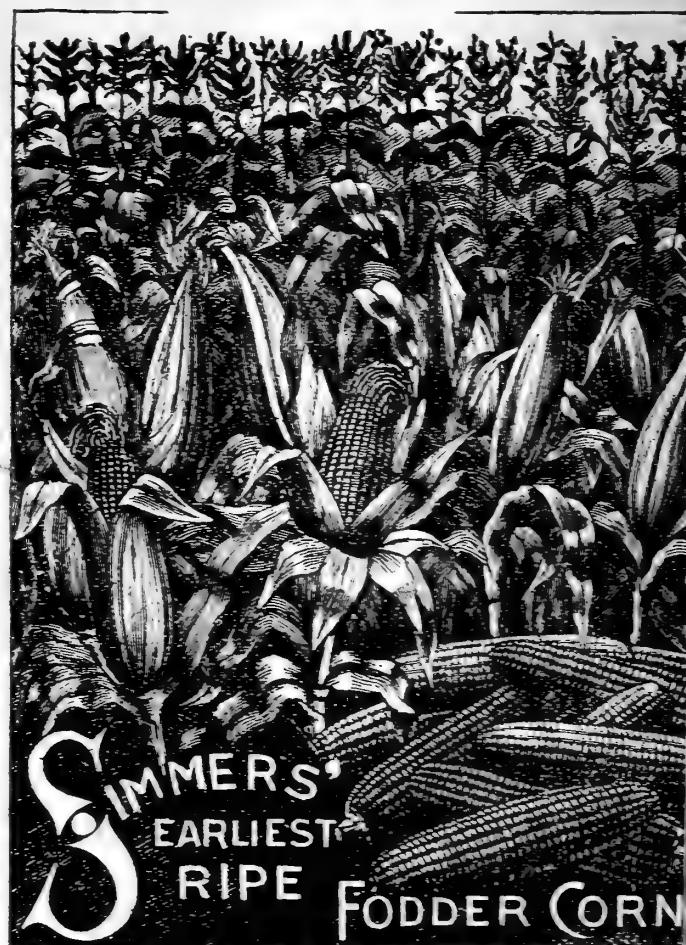
Chester County Mammoth—It yields under good cultivation, from one hundred to one hundred and thirty bushels shelled corn per acre. Ears are very large. It furnishes a large amount of fodder, growing 12 to 16 feet high. Lb 10c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25, 5 bush at \$1.20.

Mammoth Cuban Yellow—The grains are pure yellow and very large, broad and long. The fodder grows on the stalks in great quantities and of the finest flavor. As sweet and tender as sugar corn. Lb 10c, postpaid; peck 35c, bush \$1.25, 2 bush at \$1.20.

Cuban Giant White—Similar to the preceding, grains white. Lb 10c, postpaid; peck 35c, bush \$1.25, 2 bush at \$1.20.

Early Butler—This is without doubt one of the earliest Dent Corns. It is a cross from Pride of the North, grows good-sized ears with long grains and a very small cob, corn of a beautiful golden-yellow color. **The Butler is adapted for high latitudes, and will mature further north than any known variety.** It grows strong and very quickly. Lb 10c, postpaid; by express or freight, peck 30c, bush \$1.30, 2 bush at \$1.25, 5 bush and over at \$1.20.

Evergreen Sugar—**For Green Fodder**—There is nothing better for early fall green feed or for curing for winter than sweet corn. It has the great merit of being so sweet and palatable that cattle eat every part of stalks and leaves, and consequently none is wasted. Lb 15c, 3 lb 40c, postpaid; peck 40c, 2 bush 75c, bush \$1.40, 2 bush at \$1.30.



FLINT VARIETIES

Farmers' Surprise—Undoubtedly the earliest 8-rowed variety yet produced. The ears are long and freely borne on the stalks, which are very heavy and leafy. Farmers' Surprise can be grown and ripened in districts where heretofore a corn crop has been uncertain. Lb 15c, 3 lb 40c, postpaid; peck 40c, bush \$1.40.

Mammoth 8-Rowed Yellow—It is entirely described as Mammoth 8-Rowed Yellow Corn, a great improvement on the old Canada corn, 8-rowed, which is the general corn used by farmers for ensilage purposes. The ears, when harvested, are long and well-filled with grain, which is double the size of the ordinary yellow Canada corn or the Early Yellow. Lb 15c, 5 lb 60c, postpaid; peck 35c, bush \$1.40, 2 bush at \$1.35.

Rural Thoroughbred White Flint—A variety spreading, but not more than one kernel should be grown in the hill. Its great size, habit, breadth of blade and smallness of stalk recommend it as a fine plant, while for ensilage purposes it is most valuable. Lb 10c, 5 lbs postpaid; peck 35c, bush \$1.40, 2 bush or over at \$1.35.

Compton's Early Yellow—The productiveness of Compton is remarkable, with more rows to cob than any other Flint corn. The grains are very round and heavy. It is very hardy, and sure to grow and produce a good crop. Lb 10c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25.

Salzer's North Dakota White Flint—A grand variety, maturing early, yields enormously, produces a larger number of good ears and a smaller number of poor ears than any other variety. Lb 10c, postpaid; peck 35c.

Early Yellow Canada—The earliest yellow for field or use. Lb 10c, postpaid; pk 35c, bush \$1.25.

Angel of Midnight—(One hundred day) An extra 8-rowed yellow Flint variety. Lb 15c, 5 lb 50c, postpaid; peck 35c, bush \$1.30, 5 bush at \$1.25.

Longfellow—An 8-rowed yellow Flint variety, with ears 10 inches long, cob small, kernels quite broad. Lb 15c, 5 lb 50c, postpaid; peck 35c, bush \$1.30, 5 bush at \$1.25.

Early White Flint—Very desirable for table use. Lb 10c, postpaid; pk 35c, bu \$1.30, 5 bu at \$1.25.

King Philip—(Reddish Flint)—One of the oldest and best Flint varieties. Lb 10c, postpaid; peck 35c, bush \$1.30, 5 bush at \$1.25.

Selected Ensilage Corn

Simmers' Paragon White Ensilage—This superior ensilage corn we can recommend from experience as being the heaviest cropping variety in cultivation, producing 50 to 75 tons per acre. It grows 13 to 14 feet in height. Peck 35c, bush \$1.25.

Red Cob Ensilage—So called owing to its cob being quite red; the kernel is perfectly white, resembling very closely the ordinary Horse-Tooth Corn. Peck 35c, single bush \$1.30.

Mammoth Southern Sweet Ensilage—Peck 30c, bush \$1.20.

Yellow Horse-Tooth or Dent—Peck 30c, bush \$1.20.

Pride of the North (Early Golden Dent Corn)—Very early stalks usually grow from 8 to 10 feet in length, and produce from three good ears. Peck 35c, bush \$1.30.

Leaming Corn—Nearly always two good ears to each stalk, withstands severe drought by reason of its earliness in maturing, and vigorous growth and its stalky and leafy nature. Per peck bush \$1.30.

Forage Plants

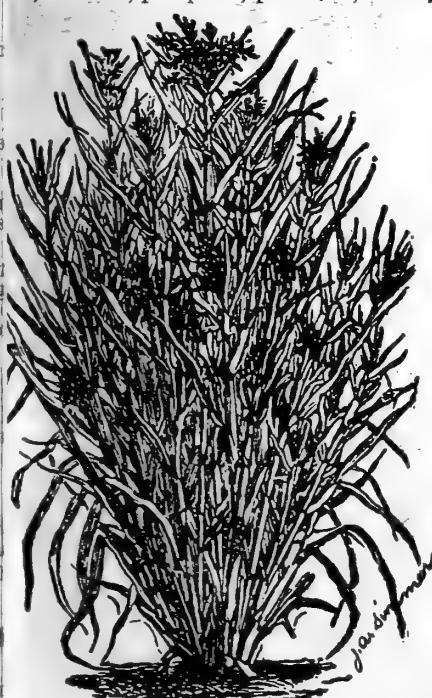
Sowing Rape

(1 to 2 pounds per acre in drills;
4 to 6 pounds broadcast.)



Cow or Southern Peas

There is no surer or cheaper means of improving and increasing the productiveness of our soils than by sowing the Cow Pea. It makes an enormous growth, enabling the farmer to put plenty of nitrogenous vegetable matter into the soil at a small cost, and has the power to extract this nitrogen from the atmosphere and to store the same in the vines and so that if the crop is cut off, the land is still enriched and its condition improved. From 5 to 9 tons of green fodder per acre have been produced by Cow Peas. To grow for hay they are most valuable. For ensilage they are unsurpassed. When it is desired to turn the whole crop under as a soil cover, it is better to do so after the vines are partly dead. A good crop of the dried peas can be made before plowing under. Cow Peas can be sown in May or June, at the rate of 1 to 1½ bushels per acre. Price, 10c, 3 lb 50c, postpaid; peck 75c, bush \$2.40.



Sand, or Winter Vetch

will produce no other vegetation, yielding a quantity which is eagerly eaten by all kinds of stock. It is of creeping habit, and has been proved that after three or four crops have been grown on alkali land, that the soil is then capable of producing any other vegetation. One pound of seed will plant an acre. It grows readily from seed. Price—Pkt 10c, oz 20c, ½ lb 60c, lb \$2.00 postpaid.

Early Soy Bean

The Soy Bean is coming right to the front as a great soil enricher, as a for hogs and cattle, both in the green and dry state. If you wish same low under in the green state, it is certainly one of the very greatest, next to Cow Pea, to sow, on account of its remarkable qualities. It draws from the air and return to the earth just the nourishment and virtues that you are looking for. Price—Lb 20c, postpaid; peck \$1.00.

English Horse Beans—Recommended by Dominion Experimental Farm, to be planted with corn and sunflower for ensilage purposes. Lb 20c, postpaid; bush \$2. Values fluctuate.

affir Corn **White**—Pkt 5c, lb 15c, 5 lbs 75c, postpaid; 20 lbs \$1.20, 100 lbs \$5.00.

A field of Rape coming into use when the pasture is almost barren from continuous feeding and dry weather, is a boon to the farm. For feeding sheep and lambs, preparatory for the market, nothing is better; not only does it fatten quickly, but imparts a quality to the flesh superior to almost any other pasture. It has been estimated that one acre of Rape, when not preceded by any other crop the same season, will feed from 35 to 40 lambs for two months, and that the gain in flesh per month was from eight to twelve and one-half pounds on each lamb. Young cattle thrive upon it as well as swine. Rape may be sown either in rows or drills and cultivated or may be sown broadcast. When sown in rows the plant will grow much stronger, and more luxuriant in foliage, and will also stand longer feeding, as it is less liable to be tramped down. It may be sown in May, and when it is sufficiently advanced it can be fed off, and then allowed to grow up again, thus giving a second crop the same season; but the usual time for sowing is the last half of June until end of July, and it has been sown towards end of August with success. When sown early in the season the hot sun of August seems to unduly hasten its maturity. As it will stand late sowing it can be sown after a rye and barley crop, and produce a valuable food for October and November. The cultivation of rape should commence as soon as it is well started, and with repeated cultivation until the leaves become too large to work between the rows. Rape is always plowed under as a fertilizing crop.

DWARF ESSEX, or Large Leaved English—Per lb 10c, 10 lb lots 80c, 25 lb lots and upwards \$1.75, 100 lb \$6.50.

Teosinte (Reana Luxurians)

This plant will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer. It also makes a splendid dry fodder, yielding enormously, and being more nutritious and better relished by all stock than corn fodder. In appearance, it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stocks contain sweeter sap. It stools out enormously after being cut. Sow in May or June, at the rate of three pounds per acre, in drills four feet apart. Per oz 10c, ½ lb 30c, lb \$1.00 postpaid.

Japanese Millet

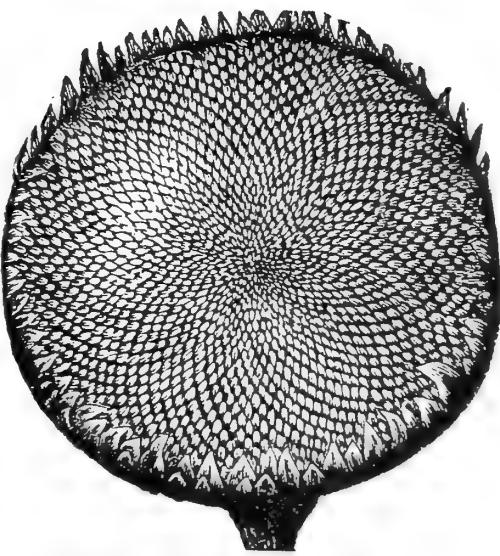
A variety recently introduced and greatly surpassing the ordinary variety of Millet and Hungarian grass in vigor of stock, yield of seed and value of crop. The stalks are very juicy, making excellent green food. When cured as hay, chopped, moistened and sprinkled with meal, it is readily eaten by cattle and horses. Sow in drills 15 inches apart, with 12 to 15 pounds per acre. It should be generally tried this season. Price, postpaid, pkt 5c, lb 15c, 3 lbs for 40c, by mail; 10 lbs 85c, carriage extra. Price for larger quantities on application.



Teosinte

Mammoth Russian Sunflower

Single heads measure 12 to 22 inches in diameter, and contain an immense quantity of seed, an excellent and cheap food for fowls. They eat it greedily, fatten well on it, better than on almost any other food. It can be raised cheaper than corn. Every farmer should plant some of the seed in any waste piece of ground. The stalks and seed heads when dry make a good hot fire. Four quarts seed will plant an acre. Oz 5c, ½ lb 10c, lb 20c, postpaid. By express—10 lbs \$1.00, 25 lbs \$2.00.



Mammoth Russian Sunflower

Early Amber Sugar Cane
The earliest and most productive variety. Height 10 to 12 ft. Its saccharine matter is of first quality, fine and rich. Sow 4 quarts in drills, and 8 quarts broadcast to the acre. Pkt 5c, lb 15c, 5 lbs 60c, postpaid; 10 lbs 80c.

Large Giant Spurry—Should be sown at the rate of 15 lbs to the acre, and is in best condition for pasture from four to six weeks after sowing. Lb 20c, 6 lbs \$1.00, 10 lbs and over at 15c per lb, 50 lbs and over at 10c, per lb, 100 lbs and over at 9c per lb.

FLAT PEA (Lathyrus Sylvesteris Wagnerii)—Recommended highly for lands too poor to pay the cost of cultivation, for worn-out pastures, and waste places about the farm. Pkt 10c, oz 30c, lb \$3.00, by mail postpaid.

Scaline—It grows well on the poorest soils, is perfectly hardy, and endures the extremes of heat and cold. It grows to the height of ten or twelve feet. Pkt 10c, 3 for 25c, oz 75c, lb \$9.00.



SEED OATS "NEW CENTURY"

Grain—The grain of the "New Century" Oat is very white and large in size, and has the largest meat in proportion to size of any oat.

Straw—The straw is very strong and does not lodge even when others with less weight of grain in the head go down. The blade is nearly double the size of that of ordinary oats, and is good evidence of its inherent vigor.

Stools—The "New Century" Oat stools heavily and is really remarkable in that respect. In a field this past season, there were sowed ten pecks per acre on part and the remainder was sown with seven pecks. It was absolutely impossible to see any difference in the appearance of the two parts, and no difference was noted in the yield.

Hull—The hull is thin and easily separated from the meat, making them valuable for feeding.

Vigor—The remarkable vigor of this new variety is easily noticed in the growing crop from its first appearance above ground. One of our fields this season was sown with "New Century" Oats, and two days before another field with common oats. When the "New Century" Oats were seven inches above ground, the others were not more than two. While common kinds suffered from excessive dry and cold weather the past spring, without exception the "New Century" Oats were a rich dark green.

HAVE YIELDED MORE THAN DOUBLE ORDINARY KINDS UNDER SIMILAR CONDITIONS.

Tested side by side with other oats, the "New Century" has actually double the number of bushels per acre. This can be partially attributed to the fact that in many cases the spikes or breasts will contain three full kernels where other oats give but two.

PRICE—Lb 15c, 4 lbs 50c, postpaid; by express or freight—Peck 50c, bush \$1.00, 2 bush \$1.90, 5 bush \$4.75, 10 bush \$9.00.

"CANADIAN PRIDE"

The oats are white and have good large kernels. They weigh forty pounds to the measured bushel. It is a branching variety with very stiff straw of vigorous growth, free from smut and rust.

Price—Lb 15c, 4 lbs 50c, postpaid; by express or freight—Peck 25c, bush 80c, 10 bush or over at 75c.

"BLACK MESDAG"

We believe it is the earliest Black Oat in cultivation, having ripened in 90 days. The straw is strong and stiff, and so far has never shown the slightest signs of rust. It is one of the greatest yielding oats on record. At the Central Experimental Farm, Ottawa, it yielded at the rate of 80 bushel per acre. It has a large branching head filled with plump grain, and is one of the heaviest black oats in the market.

Price—Lb 15c, 4 lbs 50c, postpaid; by express or freight, peck 25c, 5 bush or over at 75c.

The prices of Oats and Wheat are those current at the time of issue of this catalogue, January 1st. They are subject to change without notice.

Standard Varieties

We can also supply the following varieties and in case large quantities are required write for our Farmer's Weekly Price List:

Siberian Oats—Price, per lb 15c, 50c, postpaid; peck, 25c, bush 70c.

"The Newmarket"—Price, per lb 14 lbs 50c, postpaid; peck, 30c, bush 80c, 2 bush at 75c.

Golden Tartarian Side Oats—Price, per lb 15c, 4 lbs 50c, postpaid; peck 25c, bush 80c, 2 bush at 75c.

The Lincoln—Per lb 15c, 4 lbs 50c, postpaid; peck 25c, bush 75c.

Black Goanette—Per lb 15c, 4 lbs 50c, postpaid; peck, 25c, bush 80c.

Improved Black Tartarian—Grown from imported seed. Lb 4 lbs 50c, postpaid; peck 25c, bush 75c, 2 bush at 70c.

Imported Black Tartarian—The stock we offer was grown in Lothian, Scotland, and is of excellent quality. Per lb 20c, 3 lbs 50c, 1 paid; peck 60c, bush \$2.25.

.. WHEAT .. SPRING

Wild Goose (bearded)—C. A. Zavitz, of the Guelph Experimental Farm, says:—Of all the varieties of spring wheat which have grown, the Wild Goose stands at the head of the list in yield per acre. The Wild Goose variety has given the largest average yield per acre of all the varieties grown for several years in succession, and the Wild Goose, Speculation and Colorado stand highest on the list this year, but the Speculation and the Colorado appear to be the same variety and are not liked very well by some of the millers for flour production, being somewhat soft.

* Price per lb 15c, 4 lbs 50c, postpaid; peck 30c, bush \$1.00.

Herison Bearded—It is amongst the nine best milling varieties, the kernels are short, thick and of a darkish red color, the straw is fairly long, stands up straight, and is free from rust, matures moderately early. Price per lb 15c, 4 lbs 50c, postpaid; peck 35c, bush \$1.20.

Colorado or Speculation—It is a light amber; rather short, thick berry; the heads are a good size, white straw and chaff, stands up well and ripens early. Price per lb 15c, 5 lbs 50c, postpaid; peck 35c, bush \$1.10.

For other leading varieties, such as **Red Fern**, **White Russian**, **Red or Scotch Fife**, **Wild Goose**, etc., see our Weekly Farmer's Price List of Grains and Grasses, sent on application.

WHEAT—Winter

Our Fall Catalogue of Winter Wheats, Grass Seeds, Fertilizers, etc., is issued about August 15th of each year, and sent free to all who apply. Send in your address now.

PRICE OF BAGS

When bags are required for filling orders, they will be supplied at the following prices, which should be remitted with the amount of order:

	Per doz.	Each
1 Peck, Cotton	10c
½ Bushel, Cotton.....	12c
1½ Bushel Potato Bag	\$1 00 10c
2 Bushel, Linen	1 25 12c
2 Bushel, Cotton	2 75 25c
2 Bushel, Cotton	2 25 20c
2 Bushel, Cotton	2 00 18c

"BINDER TWINE," Before buying get our price list on application



GRASSES

A GOOD REFERENCE BOOK—"Hand Book on the Grasses of North America," Price \$1.75, postpaid.
When wanted by Mail, add 4 cents per pound to the following prices.

The greatest care is exercised in the selection of our Grass and Clover seeds.

Choice samples are the cheapest, sow further and are the most satisfactory in the end.

Where prices are not quoted, they will be furnished with samples on application.



Awnless Brome Grass

Inexness of foliage, it is well adapted for lawns and pasture.

Honey or Meadow Soft Grass (*Holcus lanatus*)—It grows 3 feet in height, and is suitable for all soils. While no variety suits better for awns, it is, however, of no use for cattle, as they will scarcely touch it. Lb 20c.

Italian Rye Grass (*Lolium Italicum*)—A biennial variety of rapid growth, succeeding well in all kinds of soil; well adapted for mixing with white clover for lawns; it is indispensable for an early crop of green feed. Lb 15c, 10 lbs \$1.40.

Kentucky Blue or Smooth-Stalked Meadow Grass (*Poa pratensis*)—It sends up flower stalks 1½ feet high only once in the season; it is therefore less adapted for hay than for early and permanent pastures. For water meadows it is one of the best. Lb 15c, 10 lbs \$1.80.

Meadow Fescue (*Festuca pratensis*)—A highly valuable species for permanent grass lands; it does not, however, attain its full productive powers until the second or third year, when it exceeds most other sorts in the quantity of its produce and nutritive matter; it is relished by live stock, both in hay and pasture. Sow 40 lbs to the acre. Lb 80c, 10 lbs \$2.50.

Meadow Foxtail (*Alopecurus pratensis*)—One of the best grasses for permanent pastures, being early and rapid in growth; does best in rich, moist soil. Lb 30c, 10 lbs \$2.75.

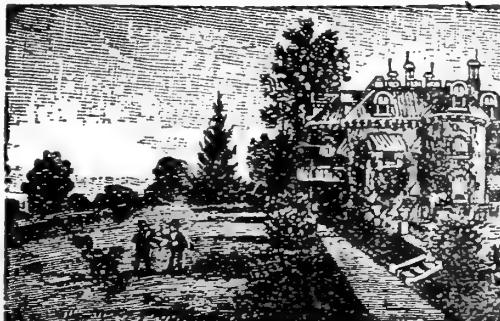
Orchard Grass (*Dactylis glomerata*)—Though a rather coarse grass, yet this variety is of such early and rapid growth, that on account of this quality alone it is valuable as a pasture grass on light soils, and also from the quantity of herbage it affords. It should be used for green feed exclusively, because when old and dry, or made into hay, neither horses nor cattle are fond of it. Lb 15c, 10 lbs \$1.40.

We will send one large package of each of the above 25 varieties of Grass seeds, correctly named, for \$1.50 postpaid, or any 17 varieties for \$1.00 postpaid, or any 8 varieties for 50c.

Lawn Grass

THE MOST BEAUTIFUL LAWNS IN CANADA are made with "Simmers' Toronto Parks" Lawn Grass Seed, which we sell in large or small quantities to suit the pretentious lawn or the modest door-yard plot. With it you can renovate old or make new Lawns and Grass Plots as soft as velvet and as green as emerald all summer long.

TORONTO PARKS MIXTURE — Finest Quality (with or without White Clover)—Per lb 25c, postpaid 80c. By express or freight, 5 lbs \$1.15, 10 lbs \$2.20, 25 lbs \$5.25, 50 lbs \$10.00. 100 lbs \$20.00.



NOTE—For GENERAL SEEDING sow one-third clover and two-thirds timothy. This produces hay of excellent feeding quality for stock in general. Write us for prices on any mixture wanted for hay or permanent pasture.

Perennial or English Rye Grass (*Lolium perenne*)—One of the best grasses adapted for producing a bulky crop of hay with or without clover, producing 3 or more years pasture. Lb 18c, 10 lbs \$1.20.

Red Meadow Fescue (*Festuca rubra*)—An excellent variety, suitable for lawns exclusively, on account of its creeping nature, not growing over 1 foot in height, requiring little mowing, and forming so thick a turf as to suffer few intruding plants. Lb 20c, 10 lbs \$1.85.

Red Top Grass, Fancy, Perennial (*Agrostis vulgaris*)—A hardy permanent grass of rather low growth, succeeding in almost any soil, and well adapted for pasture land. Lb 20c, 10 lbs \$1.50.

Sheep's Fescue (*Festuca ovina*)—A dwarf variety not over 6 inches in height; it has a fine sweet foliage, well adapted to the masticating organs of sheep, and for producing delicate mutton, but totally unfit for hay. It is, however, an excellent grass for lawns, requiring little mowing. Lb 25c, 10 lbs \$2.25.

Sweet Vernal Grass (*Anthoxanthum odoratum*)—For a mixture with pasture grasses it is valuable on account of its vernal growth, and continuing to throw up root foliage until late in autumn; for meadows, its chief merits are its fragrant odors, which the leaves emit when dry, thus sweetening hay; it is a vegetable condiment rather than as a grass of much nutritive value. Sow 25 lbs to acre. Lb 90c.

Tall Fescue (*Festuca elatior*)—Of strong growth, very productive, good both as hay and green food; also for permanent pasture, for moist and strong soils, and irrigation purposes. Lb 30c, 10 lbs \$2.75.

Tall Meadow Oat Grass (*Avena elatior*)—A bulky, tall, productive grass, much relished by all cattle, and well adapted as a grass for soiling. Lb 30c, 10 lbs \$2.75.

TIMOTHY GRASS (*Pleum pratense*)—Market price variable. Lb 10c.

Water Meadow Grass (*Poa aquatica*)—In flooded situations it grows luxuriantly, and forms a rich pasture in summer. Lb 50c, 10 lbs \$4.75.

Wood Meadow Grass (*Poa nemoralis*)—Well adapted for woody lands, two feet high, forming valuable pasture. Lb 50c, 10 lbs \$4.75.

Yellow Oat Grass (*Avena flavescens*)—Hardy and early, valuable for dry meadows, pastures or lawns. Lb 80c.

Common Millet (*Panicum milliaceum*)—There are many varieties of Millet, but none used so extensively as the common variety. Lb 5c, 10 lbs 80c.

GERMAN MILLET—The true German Millet will grow in any climate or soil, and when properly grown and handled makes an enormous yield of most nutritious animal feed, and that without impoverishing the soil to any great extent. To get these results, however, German Millet must be sown thickly, at the rate of one bushel per acre, at any time between May 1st and July 15th, and the crop cut in six to eight weeks, while it is in bloom, before the seed hardens in the head. Managed in this way German Millet will prove the most satisfactory and profitable forage and summer hay crop, much relished by all kinds of stock. Lb 10c, 3 lbs 80c, postpaid. By express or freight, 10 lbs 40c, bushel of 48 lbs \$1.50.

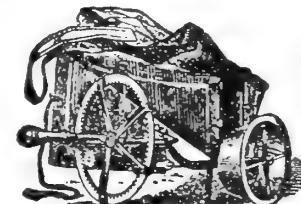
Hungarian Grass (*Sectaria Italica*)—A most valuable, rapid growing variety of grass of annual nature, particularly well adapted for light ground, will yield an abundant crop, and when cut, before seeding produces hay much relished by all kinds of cattle. Market price variable. Lb 5c, 10 lbs 80c.

JAPANESE MILLET—(See page 37.)

Note—For prices of Grass Seeds in quantity see next page.

Cahoon Broadcast Seed Sower

A hand-machine very largely used. The quantity to be sown is easily regulated. It will seed evenly four to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight 5½ pounds. Price, each, \$4.



Clover Seed

(Clover Seed being subject to constant variations, prices will be ruled by the market).

ALSIKE CLOVER (Trifolium hybridum)—It is a perennial, therefore adapted for permanent pastures or for hay crop. Perfectly hardy; never heaves or throws in the winter, thrives equally well on wet or dry soil, though extreme drouth or excessive rains. Sow six lbs per acre in spring. Lb 20c, postpaid 25c; per bushel of 60 lbs market price variable.

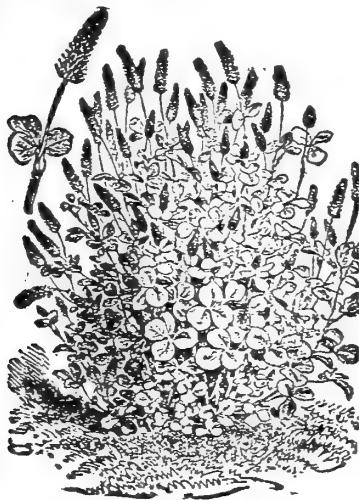
SAINFOIN or ESPARSETTE (Onobrychis sativa)—An excellent perennial Fodder Plant, growing to the height of about three feet, and flowering in June and July. It is naturally adapted for light, chalky soils; being an enriching, heat resisting clover, and may be sown either broadcast or drilled. It will require broadcast about 25 lbs per acre; if drilled, 15 to 20 pounds. Lb 15c, postpaid 20c; 10 lb \$1.25, 25 lbs \$3.00.

Common Red Clover (Trifolium pratense)—Will succeed in any soil of moderate fertility. Per lb 15c, postpaid 20c; per bushel of 60 lbs lowest market price on application.

MAMMOTH RED or COW GRASS (Trifolium pratense perenne)—Of great value if sown upon exhausted land; grows from 5 to 6 feet, and highly recommended for ploughing under for manure. Per lb 15c, postpaid 20c; per bushel of 60 lbs lowest price on application.

Crimson or Carnation Clover (Trifolium incarnatum)—Should be sown in the early summer, and will then make excellent pasture in the fall, the open winter and the spring. Per lb 15c, 4 lbs 50c, postpaid. Per bushel price on application.

WHITE DUTCH (Trifolium repens)—Most valuable in mixture for permanent pastures, forming with natural grasses the finest and most nutritious food for cattle and sheep. Price varies. Lb 30c, postpaid 35c.



Crimson Clover

YELLOW TREFOIL or HOP CLOVER (Medicago lupulus)—A prolific and hardy variety, is excellent for dry pastures; should not be sown alone. Lb 15c, postpaid 20c.

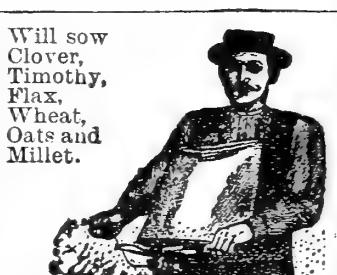
Bokhara Clover (Mellilotus vulgaris)—For bees. Of large and vigorous growth; blooms early in August; may be cut three times during the season, and yields three tons upwards of hay per acre. Sow in spring. Per lb 15c, postpaid 20c.

LUCERNE or ALFALFA CLOVER—A perennial, and when once properly seeded in suitable soil produces fine crops for several years. It has a remarkably strong growth, and its cultivation is simple, requiring no more care and attention than a crop of the ordinary red clover. The ground should be thoroughly mellowed by clean and careful tillage, the seed sown with any grain crop in the spring, or as a separate crop, at the rate of 10 or 12 pounds per acre, and the second year it will become thoroughly established. Lb 15c, postpaid 20c; per bushel of 60 lbs, lowest market price on application.



Alfalfa or Lucerne Clover

"Clovers are the Foundation of Farming."



Will sow
Clover,
Timothy,
Flax,
Wheat,
Oats and
Millet.

Guaranteed to sow 60 acres of
clover per day.
The "CYCLONE" Geared Seed
Sower. Price \$2.00, or
postpaid, \$2.50.

Grass Mixtures

Simmers' Special Grass Mixture for permanent pasture consisting of the following varieties: Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue (*true perennial*), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, Blu Grass, etc., as recommended in the well-known and standard work entitled "How the Farm Pays," (by Henderson) blended in proportions which have been found, from actual use, to give the most satisfactory results.

On ordinary fertile soil two to three bushels of this mixture is sufficient to seed an acre.

To this mixture, intended for either Mowing Lands or Pasture (by which on account of its greater weight should be sown separately), should be added 10 lbs of Mixed Clover, comprising White, Mammoth Red or Cow Grass, Alsike, Trefoil, etc., but this must be sown in the spring, as it is rather tender in this latitude if sown in the fall.

The Quantity (10 lbs.) of Mixed Clover Needed to Sow an Acre, we will sell for \$2.00.

Permanent Pasture for Light Soils
Permanent Pasture for Medium Soils
Permanent Pasture for Heavy Soils
SIMMERS' Grass Mixture for Orchards and Shady Places
SIMMERS' Special Grass Mixture for Hay Only
SIMMERS' Grass Mixture for Permanent Pasture Only

\$2.50 per
bushel
of 14 lbs

10-Bushel Lots and Upwards, \$2.25 per bushel:
(Special Quotations for Larger Quantities).

Simmers' Special Grass Mixtures for Temporary Pasture Consisting of Tall Meadow Oat Grass, Orchard Grass, English Rye Grass, Italian Rye Grass, Meadow Foxtail, Hard Fescue, Sheep's Fescue and Meadow Fescue, Red Clover, White Clover, Alsike, Trefoil and Timothy blended in their proper proportions for the time specified. *Incomparably superior to the ordinary Timothy and Clover Mixture.*

For One Year—1 bushel Mixed Grasses, \$2.00. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$3.75.

For Two Years—2 bushels Mixed Grasses, \$4.00. 10 lbs Mixed Clovers, \$1.75. Total cost per acre, \$5.75.

For Three or Four Years—3 bushels Mixed Grasses, \$6.70. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$8.50.

(Special Quotations for Larger Acreages).

Price Lists of Grass and Clover Seeds in Quantity

When Clover and Grass Seeds are to be sent by mail, **5 Cents per Pound** must be added to the following prices. We will supply 20 lbs over at the 100 lb rate, and 5 lbs or over at the 10 lb rate; for small quantities the lb price will be charged. The following prices are values at the time of issuing this Catalogue, January 1st, and are **Subject to Market Changes**.

CLOVERS

	Per lb.	10 lbs.	100 lb.
Aliske, Simmers' Best	20c	\$1.70	
Aliske, Choice	18c	1.50	
Aliske, Prime	15c	1.40	
Aliske and White, Mixed	15c	1.40	
Bokhara	15c	1.40	
Crimson or Scarlet	15c	1.20	
Lucerne, Choice	15c	1.40	
Mammoth Red Clover, Choice	15c	1.30	
Mammoth Red Clover, Prime	14c	1.20	
Red Clover, Simmers' Best	15c	1.30	
Red Clover, Choice	14c	1.20	
Red Clover, Prime	12c	1.10	
Sainfoin	15c	1.25	
Timothy, Simmers' Best	10c	.80	
Timothy, Choice	9c	.70	
Timothy, Prime	8c	.65	
Trefoil, Yellow	15c	1.30	
White Clover, Choice	25c	2.25	
White Clover, Prime	20c	1.70	

When wanted by Mail add 5c. per lb. postage.

GRASSES

	Per lb.	10 lbs.	100 lb.
Blue Grass, Canadian, Best	10c	\$0.90	.88
Blue Grass, Canadian, Good	8c	.65	.6
Blue Grass, Kentucky, Choice	15c	1.30	11
Blue Grass, Kentucky, Fancy	2c	1.75	15
Bromus Inermis (Awnless Brome)	25c	2.30	20
Creeping Bent	30c	2.75	25
Creeping Dogstail	60c	5.75	
Hard Fescue	25c	2.25	20
Hungarian, Best Re-cleaned	5c	.30	2
Italian Rye Grass	15c	1.40	13
Meadow Foxtail	30c	2.75	25
Meadow Fescue	30c	2.50	23
Millet, Golden, Fancy Cleaned	5c	.30	2
Millet, Best, Re-cleaned	5c	.30	2
Orchard Grass, Best Quality	20c	1.80	16
Orchard Grass, Choice Quality	15c	1.40	12
Perennial Rye Grass	13c	1.20	11
Red Fescue	20c	1.85	18
Red Top, Choice Quality	20c	1.50	12
Red Top, Fancy Cleaned, Best	17c	1.60	15
Sheep's Fescue	25c	2.25	20
Sweet Vernal	90c	8.75	
Tall Fescue	30c	2.75	25
Tall Oat Grass	30c	2.75	25
Water Meadow Grass	50c	4.75	
Wood Meadow Grass	50c	4.75	
Yellow Oat Grass	80c	7.75	

When wanted by Mail add 5c. per lb. postage.

Customers ordering Grass Seed sufficient for one acre or more are allowed the privilege of 100 lb rate. Please allow for bags when remitting.

Have you Beeswax? We buy it. Cash or supplies. Let us know your price.

Ontario Agricultural College (Guelph) formula of Grasses and Clovers for permanent pastures.

Six lbs Meadow Fescue, 3 lbs Timothy, 2 lbs. Canadian Blue Grass, 3 lbs Orchard Grass, 3 lbs Red-top Grass, 4 lbs Lucerne Clover, 1 lb White Dutch Clover, 1 lb Alsike Clover, 2 lbs Red Clover; total 17 lbs Grasses and 8 lbs Clovers, being the quantities required for an acre. \$8.00 for 25 lbs; 1 lb 15c, postpaid 20c. If larger quantities are wanted please write for prices.

1902

Floral Novelties and Specialties



New Yellow Aster "Sunlight"

Yellow Aster, "Sunlight"

For many years every Aster grower has felt ambition to raise a truly **yellow** Aster. It is true that we have had so-called "sulphur yellow" Asters for a considerable time, but all these do not earn that name. **"Sunlight," on the contrary, is the first real yellow Aster.** Blooms very freely. The flowers are of a fine form, with petals somewhat shorter than those of the Jewel Aster, and measuring 3 to 4 inches in diameter. This uncommon and delicate color, the long, stiff stems and lasting quality must be admired by every flower lover.

839 Pkt 10c, 3 for 25c.

New Giant-Branching Comet Asters "Freedom"

The Comet Asters are the earliest-blooming of the large-flowered sorts, and the flowers are of the finest form. In this new giant-branching type we have a greatly improved plant of tall-branching growth, in which each of the enormous flowers is provided with a long, stiff stem, making them most desirable as a cut flower, and grandly effective as a bedding plant. The same fine habit and enormous flower, but distinct in having the large bright carmine petals finely striped with silvery white.

840 Pkt 10c, 3 pkts for 25c.

"Victory"

The plants are of very strong growth, two feet in height, freely branching, producing large bright crimson flowers of the true Comet type on long, stiff stems. The double flowers are of fine regular form, the petals being well reflexed and of a beautiful soft shade of clear carmine or rose-pink.

841 Pkt 10c, 3 pkts for 25c.
842 GIANT-BRANCHING COMET (Mixed) — Pkt 10c, 3 pkts for 25c.



Giant Branching Comet Aster

Annual Delphinium, Blue Butterfly

In this new Larkspur we have a combination of attractions. In the first place, it is an annual which will come as a surprise to those who know *Delphiniums* as perennials only. Secondly, it is dwarf and compact, hardly reaching a foot in height. Thirdly, it has a bushy, yet branching habit, instead of the ascending upright growth. Fourthly, the size of its blossoms are beyond anything we have ever seen in the old perennial sections; and lastly, it is of the intensest blue yet found in any flower. This novelty is perfectly hardy and can be grown in any soil.

843 Pkt 10c, 3 for 25c.

A Beautiful New Hardy Sweet Pea—

Lathyrus,—"Pink Beauty"

The Perennial Sweet Pea is an old-time garden favorite, esteemed for its great hardiness, continuous habit of bloom, and the great beauty of the close clusters of flowers, which resemble those of the Sweet Pea. Heretofore this pe has been confined to the pure white and deep purplish-pink sorts, and therefore gives us great pleasure to offer this new variety in which the flowers are of a most soft and charming *rose-pink shade*. The plants increase in strength from year to year, starting into growth each year (in the spring) from the old roots without replanting. The seeds should be planted early in the spring while the ground is cool and moist.

844 Pkt 10c, oz 35c.

New Chrysanthemum-Flowered Sunflower

An excellent plant for the lawn, shrubberies, or any other place where color effect is desired. The plants grow 6 to 7 feet high, and produce a great number of double flowers of various sizes. On account of their size, long stems and color the flowers are extremely well adapted for vases.

845 Pkt 5c, oz 15c.

Giant Snapdragons

Antirrhinum Majus *Grandiflorum*

These handsome and profuse flowering plants have long been favorites in our gardens. They are of very easy culture, even in rather dry locations, owing sturdily and producing quantities of flowers throughout the summer and autumn, from spring-sown seed.

846 **Firefly**—Scarlet, white throat. Pkt 5c.

847 **Brilliant**—Scarlet, golden and white. Pkt 5c.

848 **Crescia**—Fine deep scarlet. Pkt 5c.

849 **Kermesina Splendens**—Deep rose. Pkt 5c.

850 **Luteum**—Yellow. Pkt 5c.

851 **Giant White**—Pure snow white. Pkt 5c.

852 **Giant Mixed**—Pkt 5c.

Special Offer—One packet each of six varieties of Tall Giant Snapdragons, 25c.

Large Flowering

Dwarf Snapdragon or Antirrhinum

Compact, thrifty, bushy plants. For low flower beds and edgings they are charming subjects, and for pot culture they are scarcely of less value. Colors include white, striped, orange, rose, canary, crimson, copper color, vermillion, flesh, garnet, scarlet, etc.

853 **Golden Queen**—Pure yellow. Pkt 5c.
854 **Queen of the North**—White. Pkt 10c.
855 **Victoria**—White and red, very fine. Pkt 5c.
856 **Atrococcineum**—Deep scarlet. Pkt 5c.
857 **Mixed**—Pkt 5c.

Special Offer—One packet each of the four varieties, large flowering Dwarf Snapdragons, 20c.

Giant Primula

Chinese Primrose



Giant Chinese Primrose

Chinese Primroses are among our finest winter and spring blooming pot plants for the window garden, conservatory and greenhouse. The plants are attractive, 8 to 12 inches high, of healthy, sturdy growth, and free from insects; while they produce for weeks large trusses of flowers, which in our new Giant varieties average from 4 to 6 inches in circumference. Seed sown in the spring produces fine plants for the next winter's blooming.

What we catalogue is strictly the cream; the fanciers will find them all of surpassing excellence.

858 White	Pkt 25c	861 Rose Carmine	Pkt 25c
859 Copper	" 25c	862 Mixed	" 25c
860 Rose	" 25c		

NEW GIANT FRAGRANT CENTAUREA



Centaurea Imperialis

863 **Centaurea Imperialis** — This new Centaurea, a cross between *C. Moschata* and *C. Margaret*, represents the best that has been produced in these beautiful summer blooming plants. The bushes are about 4 feet high, of enormous dimensions and are **covered with large, beautiful flowers** of the form and fragrance of *Centaurea Margaret*. **The flowers will keep for over a week** in water if cut just when they are about to open. It is of easiest culture, which cannot be said of *C. Margaret*. The color variation is very great, almost infinite. When well known there will be no garden without this beautiful new flower. If a package is sown every 2 or 3 weeks until July, a constant succession of bloom can be had throughout the whole summer and fall. Mixed colors, Pkt 10c, 3 for 25c.

ALLEGHENY HOLLYHOCKS

If sown early, bloom the first year from seed

The flowers of this new variety are from 4 to 6 inches in diameter, running from semi-double to double, and so finely fringed and curled that, compared with the old ones, they have the look of a flower from Fairyland. The colors are shell pink, rosy and ruby red, a shade or two deeper at the centre, and exquisitely tinted towards the edge.

864 **Red**—Pkt 5c.

865 **Rose**—Pkt 5c.

866 **Shell Pink**—Pkt 5c.

867 **Maroon and Pink**—Pkt 5c.

868 **Mixed**—Pkt 10c, 3 for 25c.

SPECIAL OFFER

1 pkt each of the 4 distinct colors Allegheny Hollyhock for 15c.



Nicotiana Colossea

NICOTIANA SYLVESTRIS

A superb garden annual of robust, branching habit, about 3 to 4 feet high; the foliage is large and luxuriant, of very dark green; the very long, pendent, tubular flowers of pure white are borne in circular clusters on strong spikes away above the foliage. The flowers emit a very delicate perfume.

869 Pkt 10c, 3 pkts 25c.

NICOTIANA COLOSSEA

Attains a height of 5 to 6 feet during one summer; immense leaves, at first rose and violet, afterward changing to deep green, with red veins. An imposing foliage plant, giving an elegant tropical effect.

870 Pkt 10c, 3 pkts 25c.

"Daylight" and "Darkness" Dolichos—Climbing Variety from Japan

One of the prettiest climbers and certainly the most beautiful among the Dolichos or Hyacinth Beans. Of very rapid growth, and the plant is indifferent to bad weather, and it will grow to a height of 15 feet by mid-summer. From the handsome foliage there springs out a wonderful profusion of large sprays or spikes of pea-like blossoms.

871 **"Daylight"**—Pkt 10c, 3 pkts 25c, oz 40c.

872 **"Darkness"**—Pkt 10c, 3 pkts 25c, oz 30c.

New Fringed Cyclamen "Butterfly"

They possess all the qualities of fine habit of plant, beautiful markings of foliage, size and freedom of bloom of the finest type of *C. persicum*, but differ in having flowers with much wider petals, the edges of which are beautifully fringed or waved, giving them an extra grace and beauty. (See cut).

873 Splendid mixture of all varieties, original pkt 50c.

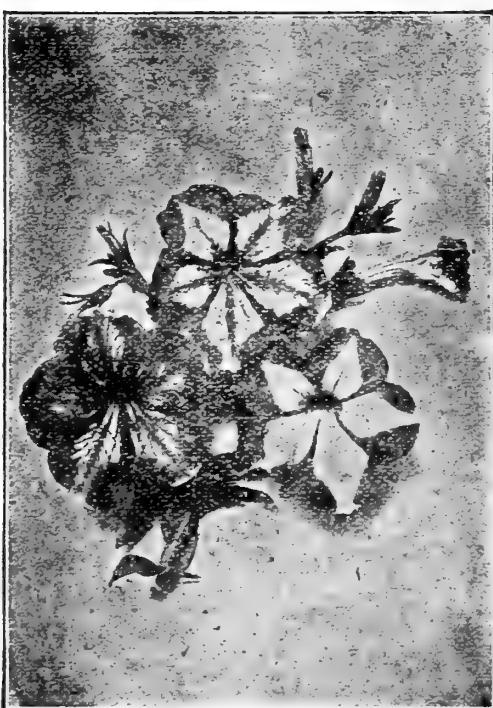
NEW STAR PETUNIAS

Their ground color is a dark crimson maroon, with a rich velvety texture, justly pronounced equal to that of the Pansy. Showing through the ground color are violet veinings. From the centre starts the points of a five-rayed star, which broadens half way up, narrowing to a point at the margin of the flower. This star is a very light blush pink, some almost white, which deepens in color as it reaches the margin, and finally blends with the maroon ground color. Over 80 per cent. of the plants from seed will produce the star markings. Others with veined and feathery markings on dark or light ground are not less surprisingly beautiful. The plants are free growers, branching freely and attaining an average height of 18 inches, and 24 inches in diameter. They are remarkably prolific bloomers, single plants often having 100 or more fully expanded flowers at a time.

874 Mixed colors, pkt 10c, 3 pkts 25c.



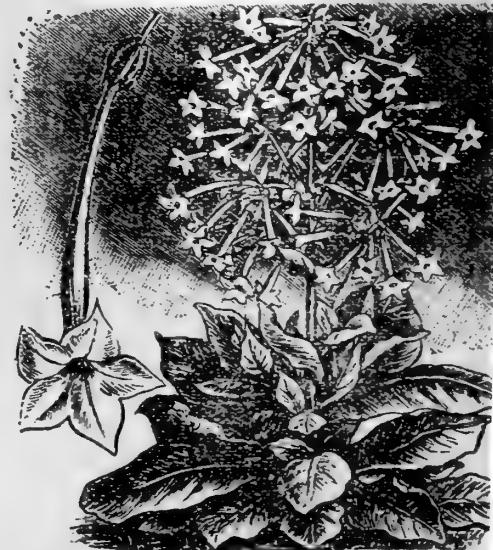
Nicotiana Sylvestris



New Star Petunias



Butterfly Cyclamen



Dolichos or Hyacinth Bean "Daylight"



Giant Petunias

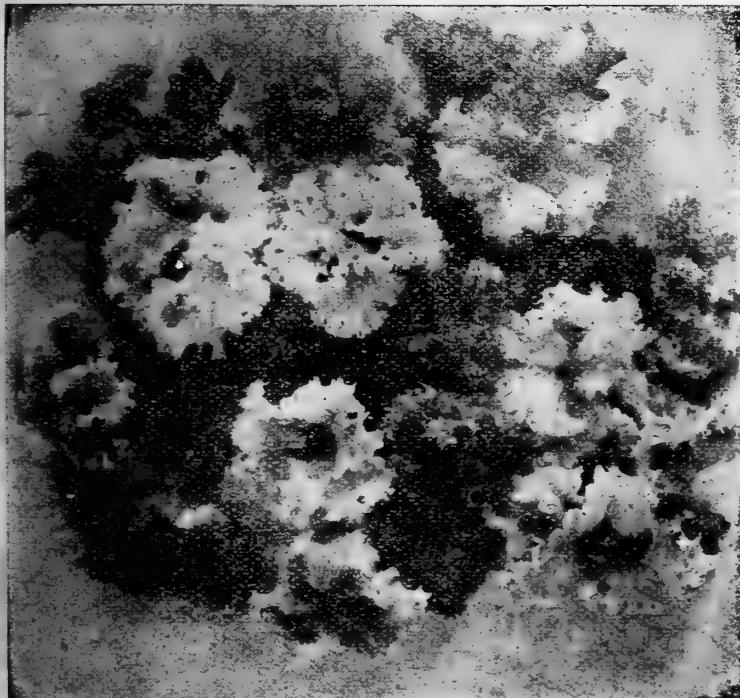
875 RUFFLED GIANTS—The flowers are of extraordinary size and substance, with very deep throat, and distinguished from the large flowering fringed section by the deeper fringing and fluting, giving the appearance as if artificially ruffled. The colors are not surpassed by any other strain, ranging from the deepest plum purple to the purest white, with all the intermediate shades, which, combined with the ruffling, make the flowers truly superb. Pkt 25c.

876 FRINGED RUFFLED GIANT PETUNIAS—This new strain originated with the famous specialist in California, who, some years ago, sent out the California Giant and Ruffled Giant strains. It differs from the latter in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower. In size and coloring this new strain is equal to the finest now in commerce, and must be regarded as a decided advance in this important flower. (See cut.) Pkt 25c.

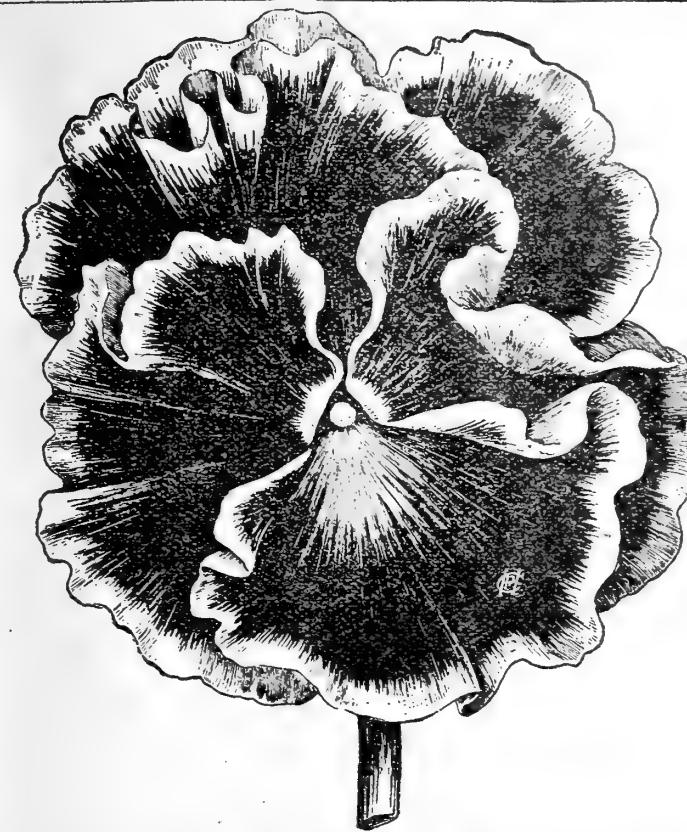
877 GIANTS OF CALIFORNIA, MIXED—A Californian strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the wonderful varieties of colors, markings, veinings, blotchings and stripings. Pkt 15c, 2 pkts 25c.

878 Single Scarlet-Fringed Petunia, "Miranda"—It belongs to the large-flowering fringed section and in color is a brilliant rosy-carmine, merging into scarlet in the throat. Pkt 25c.

Special Offer— One Packet each Ruffled Giants and Giants of California Petunias. 35c.



Fringed Ruffled Giant Petunias



Giant Prize Pansies

879 Giant Prize Pansy, "Masterpiece"—The growth and general habit of the plant is strong, bushy but compact, lasting longer than other Pansies and showing a healthier appearance when warm and dry weather sets in. The enormous large flowers are perfectly round and contain the richest combination of colors. Each petal is distinctly marked with a very large dark blotch, and most of the flowers are margined with a light white or yellow edge. Pkt 15c, 2 pkts for 25c.

880 Giant Prize Pansy, "Pretiosa"—A distinct sort of the noble class of the Giant five-spotted Pansies. The flowers of this novelty are similar to those of Masterpiece Pansy; each petal is marked with a very large blotch of deep violet color, these blotches are surrounded by a brilliant crimson rose ground color, and the ground color is margined by a pure white edge. A very effective and bright variety that will please in every way. Pkt 15c, 2 pkts for 25c.

Rudbeckia Bicolor Superba Semiplena

881 This novelty represents semi-double or nearly double-flowering varieties of the Rudbeckia bicolor superba. The plants form elegant bushes of 2 to 2½ feet in height covered with large semi-double golden-yellow to brownish-yellow flowers, which have a central dark brown ring and disk. As concerns size and form of the flowers, they closely resemble those of the double flowering Zinnias, and are, on account of their long stems, very useful for cutting purposes. Pkt 10c.



Rudbeckia Bicolor Superba Semiplena

FLOWER SEED COLLECTIONS

25c.

SIMMERS' FLOWER SEED COLLECTION "A"

10 Pkts Choice Fresh Flower Seeds for 25c.

Contains 10 beautiful varieties of easily grown annuals in handsome colored bags, with full directions for their culture.

Asters—Choice mixed.

Double Imperial Pinks.

Morning Glory—Mixed.

Pansy—Good mixed.

Phlox—Splendid mixture.

Poppy—Double mixed.

Snapdragon—All colors mixed.

Sweet Mignonette.

Sweet Peas—All colors mixed.

Tall Nasturtium—Mixed.

50c.

SIMMERS' FLOWER SEED COLLECTION "B"

Contains 20 Pkts of Choice Flower Seeds for 50c.

Asters—Truffaut's Perfection, mixed.

Balsam—Double mixed.

Calendula.

Candytuft—Mixed.

Double Pinks—Best mixed.

Marigold—Double French.

Mignonette—Large flowering.

Morning Glory—Mixed.

Nasturtium—Dwarf mixed.

Pansy—All colors, mixed.

Phlox Drummondi—Mixed.

Poppies—All kinds, mixed.

Scabiosa—Mixed.

Snapdragon.

Sunflower—Very double.

Sweet Alyssum.

Sweet Peas—Mixed.

Tall Nasturtium—Mixed.

Verbena—Best mixed.

Zinnia—Best mixed.

\$1.00

SIMMERS' FLOWER SEED COLLECTION "C"

Contains 40 Pkts of Flower Seeds for \$1.00

Asters—Simmers' Excelsior Mixture of Tall Sorts.

Alyssum, Sweet—Little Gem.

Balsam, Double—Mixed.

Calendula.

Canarybird Flower.

Candytuft—Empress.

Cannas—Crozy's finest mixed.

Carnation—Marguerite.

Castor Oil Bean.

Chrysanthemum—Annual sorts.

Cobaea—Climber.

Cosmos—Mixed.

Double Daisy.

Double Hollyhocks.

Double Japan Pink—Best mixed.

Escholtzia.

Everlasting Flowers—Mixed.

Gaillardia—Annual.

Gedelia—Mixed.

Gourds, Ornamental.

Marvel of Peru.

Marigold, Double—Mixed.

Mignonette—Machet.

Morning Glory.

Nasturtium—Tall mixed.

Nasturtium, Dwarf—Mixed color.

Nasturtium, Tall—Löb's Mix.

Pansy—Fine mixed.

Petunia.

Phlox Drummondi—All colors mixed.

Poppy—All kinds, mixed.

Portulacca—Mixed sorts.

Salvia—Splendens.

Scabiosa—Mourning Bride.

Snapdragon.

Stocks—Mixed.

Sunflower—Many kinds, Mixed.

Sweet Peas.

Verbena—Best mixed.

Zinnia—Large flowering.

HARDY PERENNIALS—10 Varieties for 60c.

60c.

Gaillardia.
Coreopsis.

Iceland Poppies.

Perennial Sweet Pea.

Larkspur.

Foxglove.

Pentstemon.

Columbine.

Hollyhocks.

Double White Chrysanthemum.

✓ We cannot permit any change in the composition of these Collections.

SIMMERS' COLLECTIONS OF FLOWER SEEDS

No.		Price per Coll.
882	Asters—Truffaut's Peony-flowered —Twelve varieties	\$0 50
883	Asters—Victoria Double —Six very showy varieties	30
884	Balsams—Camellia-flowered Double —Ten varieties	50
885	Hollyhocks—Chaters Prize —Twelve choice colors	50
886	Larkspur—Double Hyacinth-flowered —Twelve choice colors	30
887	Pansies —Large flowered, spotted, twelve distinct varieties	1 00
888	Phlox Drummondi —Twelve varieties	50
889	Phlox Drummondi —Six distinct varieties	30

No.		Price per Coll.
890	Portulacca—Single —Single distinct varieties, brilliant colors.	\$0
891	Poppy—Double or Peony-flowered —Twelve superb varieties	
892	Stocks—Large Pyramidal Globe Double —Ten weeks, ten colors	
893	Stocks—Large Flowered, Pyramidal Globe Double —Six distinct colors	
894	Stocks—East Lothian, Double —Six distinct varieties	
895	Stocks—Giant Emperor, Double —Winter flowering, 6 colors	
896	Zinnias—Double —Six distinct varieties	

MORNING GLORIES

897 **The Brazilian Morning Glory**—The leaves are 8 to 12 inches across. The flowers, which open in the morning, are 3 or more inches across, and of a beautiful rose color. Pkt 5c.

Japanese Imperial—These Morning Glories have given great satisfaction. Their exquisite beauty and enormous size (from 4 to 6 inches across), command admiration. The vines are strong and robust.

Yellow Morning Glory—The vines are literally covered with thousands of beautiful, pure yellow fragrant flowers. Pkt 5c.

"Northern Light"—Blooms some 2 inches in diameter, of pink lavender color. Pkt 5c.

900 Morning Glory Japanese Single Fringed—Pkt 5c, oz 25c.

901 "Mikado" Japanese Morning Glories—Their varieties of color are infinite, running from snow-white through all possible shades of blue and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped and marbled. The leaves are handsome, some ivy-like, others heart-shaped, some rich green, while others are streaked and marbled with white and silvery-gray or yellow; others with choice flowers have rich, golden leaves. They grow anywhere, but the seeds germinate a little slower than those of the common Morning Glory Pkt 10c, 3 for 25c.

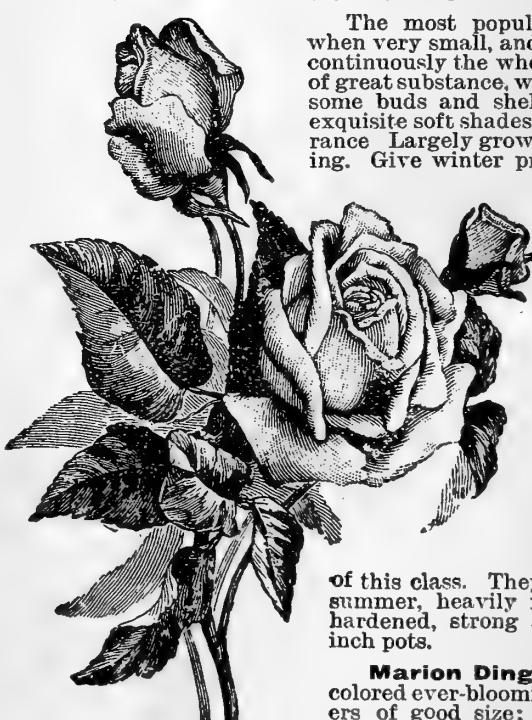
902 Single Mixed Japanese—Pkt 5c, oz 25c.

903 Double Mixed Japanese—Pkt 5c, oz 35c.

Special Offer—One packet of each of the six Morning Glories, 25c.

SALVIA SPLENDENS "SILVERSPOT"

904 Its most distinctive feature is its strikingly handsome spotted foliage. The leaves are rich, soft, **dark green**, with **light sulphur or cream colored spots** of various size liberally sprinkled over them. The intense bright scarlet flowers are very large, and the plants of neat, compact habit and very floriferous. Pkt 10c.



Snowflake—This variety is never out of bloom, and for a pure white bedding Rose its equal is hard to find.

Clothilde Soupre—Color French white, deepening to rosy blushing at the centre; one of the freest-flowering Roses in cultivation, beginning to bloom all the time.

Marie Guillot—One of the standard varieties of Tea Roses. Especially desired for summer Rose beds; color pure white, often tinted pale yellow.

Pink Soupre—This is a worthy companion plant for Clothilde Soupre, throwing up cluster after cluster of deep, rich pink flowers.

Maman Cochet—An extra strong grower, producing its large flowers in the greatest profusion; color deep rose pink, inner petals silvery rose. Borne on long, stiff stems; very double when in bud.

Each 15c, 2 for 25c. The set of six for 70c, postpaid.

FOR OUR COMPLETE LIST OF ROSES, SEE PAGES 79 and 80.

REASONS why we should supply you with Flower Seeds

"The Best and Nothing But the Best" is our motto in buying and sowing seeds, and this applies especially to flower seeds. We know all the seeds we offer, from practical experience of a lifetime and we have moreover, "kept up with the times" by extensive trials and frequent visits to the seed growing sections of Europe and the United States, so we not only "posted" on what to buy, but also where to buy to the best interest of our customers.

Our Packets are very Liberal in Size

containing in most cases more seeds than are needed for a home garden.

Supply Florists Largely Everyone knows that Florists who sow and cultivate seeds do a living, and can only use the best. Our sales to Florists increase from year to year, which is the best proof of the quality of our seeds. You get the same quality we sell to the Florists, and that should convince you that **Simmers' Flower Seeds** you want for your garden.

In ordering Flower Seeds the running number need only be given with year of publication of this Catalogue.

Full Cultural Directions for Sowing are printed on each and every package.

ANNUALS grow, bloom and die the first year from Seed.

BIENNIALS bloom the second year from Seed, and then die, though many, if sown early in the Spring, will flower the first year.

PERENNIALS usually bloom the second year, from Seed, and continue to grow and bloom for many years. Some will bloom the first year, if sown early.

There is Money for You

in Flower Seeds, and it will pay you to secure your neighbor's orders. We make these **Liberal Discounts** . . .

Customers Sending $\begin{cases} \$1.00 \\ \$2.00 \\ \$3.00 \\ \$4.00 \end{cases}$ **may select** $\begin{cases} \$1.25 \\ \$2.50 \\ \$3.75 \\ \$5.00 \end{cases}$

Worth of Flower Seeds in packets. This discount, however, does not apply to seeds by weight or collections, nor does it apply to orders sent at different times during the season.

A Select List of.. Flower Seeds

Including all the most Desirable

Abobra Viridiflora

An extremely pretty tuberous climber of the Gourd tribe, with handsome cut, glossy dark green foliage and small oval scarlet fruit, a perennial suitable for planting out during summer, forming beautiful garlands. The tubers have to be kept in a cellar or root house during winter. Per pkt 10c.

BRONIA UMBELLATA—Handsome training annual for edging, pretty, pale rose flowers, similar to Verbenas. Per pkt 5c.

BUTILON (Flowering Maple)—Very free blooming greenhouse shrubs, with handsomely variegated and striped bell-shaped flowers; are very ornamental in flower beds. Will bloom the first season, when sown early, 2 to 6 feet. Per pkt 25c.

CACIA—Decorative greenhouse shrubs with elegant foliage, flowers yellow, white or red, perennial. Mixed varieties. Pkt 10c.

CANTHUS Latifolius—Stately foliage plants, suitable for specimens on lawns, or in the borders, presenting a rich tropical effect. Half-hardy perennial. Per pkt 5c.

CHILLEA, Ptarmica—Hardy perennial, with double white flowers. Per pkt 10c.

DLUMIA CIRRHOSEA (Mountain Fringe or Allegheny Vine) a beautiful, hardy, climbing perennial; flowers white with purple. Pkt 5c.

Adonis

Adonis Estivalis (Flos Adonis)—A pretty, hardy scarlet annual, 18 inches high, of easy culture, flowering from July to September. Per pkt 5c.

Adonis Vernalis—A hardy perennial variety of the preceding, one foot high, with showy yellow flowers. Per pkt 5c.

Achimenes

Splendid plants for the greenhouse or conservatory, flowers all shades of white, crimson, blue, etc., afford a blaze of beauty the whole summer.

Achimenes Hybrida. Per pkt 25c.

Bulbs. Per doz. 50c.

Acroclinium

A beautiful class of half-hardy everlasting annuals, 1 ft. high; graceful plants.

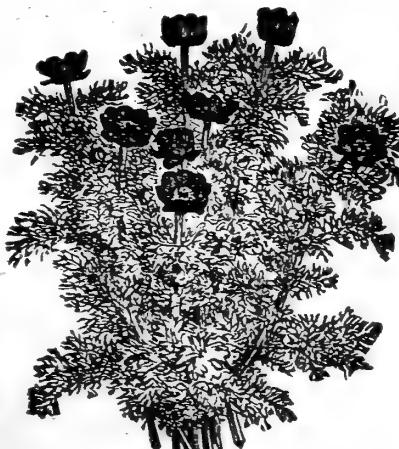
Cosm. fl. pl.—Double flowers. Per pkt 10c.

Mixed, rose and white. Per pkt 5c.

Aconitum (Monkshood)

Showy hardy perennials, four feet high, growing in any good soil, even in the shade of trees.

Aconitum Napellus—Bright blue and white flowers. Per pkt 5c.



Adonis Estivalis (Flos Adonis), Scarlet. Pkt 5c.

Agathaea

14 Blue Daisy or Marguerite. Hardy annual, blooming profusely with daisy-like flowers of a beautiful shade of blue, which contrasts finely with the golden-yellow centre, invaluable. Per pkt 10c.

Ageratum

Very useful half-hardy annuals for borders and bouquets, flowers very regular, height one to two feet, except the Tom Thumb kinds, which are not over six inches in height; prevailing color, bright lavender blue.

15 AGERATUM IMPERIALIS—Dwarf white. Per pkt 10c.

16 —Cope's Pet—Lovely azure blue; eight inches high. Per pkt 10c.

17 —Tom Thumb—Large flowering rose. This beautiful variety forms bushy compact plants about 12 inches high, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. Desirable for pot culture, or as a basket or vase plant. Per pkt 10c.

18 —Mexicanum—Lavender blue. Per pkt 5c.

19 —Mexicanum—White. Per pkt 5c.

Agrostemma (Crown of the Field)

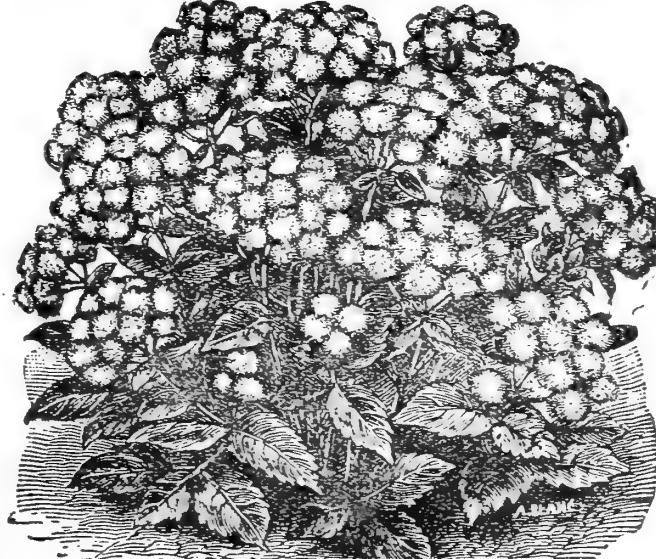
Free-flowering hardy annuals or perennials; flowers pink, in different shades; very pretty, like single pinks; height one to two feet; time of flowering from June to August.

20 Agrostemma Coccineum (Rose of Heaven), annual. Per pkt 5c.

21 —Hybrida Splendens (Rose Champion), deep crimson. Per pkt 5c.

Ammobium (Winged Ammobium)

22 Alatum Grandiflorum—A half-hardy everlasting biennial, flowering the first year, double white with yellow centre. Per pkt 5c.



Ageratum—Cope's Pet. Pkt 10c.

Simmers' Superb Double Asters

French, German and American Varieties

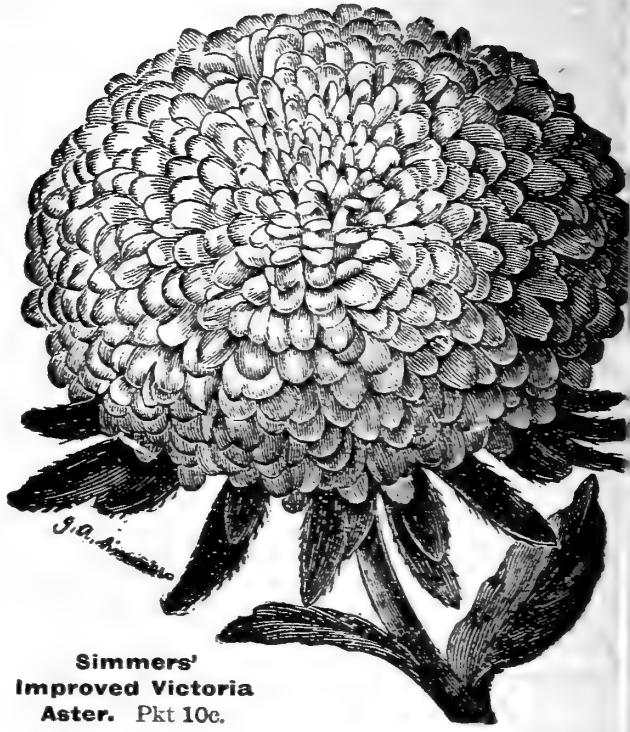
For beauty and variety of habit, form and color, the Aster stands unrivaled, and of all flowers is best adapted to gratify the taste and win the admiration of every lover of floral beauty. All the varieties require rich, light soil, and in dry, hot weather might be mulched with well-rotted manure and frequently supplied with manure water. They are hardy annuals, but may be sown in pots, or under grass, early, to have them flower sooner.

Collections of Truffaut's Paeony-flowered Asters, 12 colors, 50c.

Collections of improved Victoria Asters, six colors, 30c.



Truffaut's Paeony-
Flowered Double
Aster. Pkt 10c.



Simmers'
Improved Victoria
Aster. Pkt 10c.

TRUFFAUT'S PÆONY-FLOWERED ASTERS

One of the handsomest and most ornamental sorts. The plants, which are very vigorous, grow from 18 to 24 inches high; the flowers are borne on long, wiry stems and are very large, from 3 to 4 inches in diameter, very double, and in shape like a Paeony. The colors are both bright and delicate, and altogether this Aster is nearly perfection.

23 Glowing Crimson.....	Pkt 10c	27 Pure White	Pkt 10c
24 Dark Blue and White	Pkt 10c	28 Violet and White	Pkt 10c
25 Lilac Blue.....	Pkt 10c	29 Mixed Colors	Pkt 10c
26 Pale Red and White	Pkt 10c		

DWARF QUEEN ASTERS

This splendid Aster makes Dwarf bushy plants about 10 inches high, of compact habit of growth, producing a great number of double flowers.

30 White .. Pkt 10c 31 Crimson... Pkt 10c 32 Mixed... Pkt 10c

33 ASTER "Snowball or Princess" White—This is the first variety of an entirely new class which may be best compared to Lilliput Dahlias. A single plant develops as many as 30 pure white flowers. Per pkt 10c, 3 for 25c.

34 "Triumph" Aster—This is one of the most beautiful of all Dwarf Asters. Each plant forms an elegant bouquet of itself about 7 to 8 inches high, the individual flowers measuring from 2½ to 3 inches across and are of the most faultless Paeony form. The color is a peculiarly rich and brilliant pure scarlet. It produces its flowers in great abundance, each plant bearing at least 30 to 40. Pkt 10c.

35 The Yellow Aster—In this we have the nearest approach to a yellow Aster, which has been so long sought after. Pkt 10c.

36 Large Paeony-flowered Robust Dwarf—Most valuable, being constantly in growth, with handsome foliage and large, beautifully-formed flowers, brilliant colors, mixed. Pkt 10.

Queen of the Market

Blooms three weeks earlier than other Asters, of branching habit, excellent for growing under glass. 1 foot.

37 White.....	Pkt 10c	40 Crimson.....	Pkt 10c
38 Light Blue	Pkt 10c	41 Mixed.....	Pkt 10c
39 Rose	Pkt 10c		

Earliest Parisian

The earliest of all by nearly three weeks. Plants are dwarf and very branching, blooming very freely; very double flowers borne on very long stems, rendering them of exceptional value for cutting.

42 White..... Pkt 10c | 43 Rose..... Pkt 10c



Comet
Aster
Pkt 10c.

It is an undeniable fact that for purity, Aster seed grown in Germany is far superior to any grown elsewhere. The climate is better suited to the full development of the flowers and the German growers have the experience of a century behind them. There is a great deal of cheap Aster seed offered to us every year, but we prefer to buy seed of careful and experienced growers, though high priced, and our selections are made from these.

Simmers' Improved Victoria Asters

Undoubtedly one of the most handsome Asters in cultivation of which we have an excellent strain. Flowers very large and perfectly double, globular shape and beautifully imbricated; plants are of fine pyramid form. 1½ feet high.

44 Pink.....	Pkt 10c	46 Purple	Pkt
45 Scarlet	Pkt 10c	47 White.....	Pkt
48 Finest Mixed.....	pkt 10c, per oz \$2.50		

Giant Comet Asters

A handsome new and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers; the petals are very long and beautifully curled, are of a lovely delicate pink, bordered with white, bright pink, light blue, white borders and other colors.

49 Pink	Pkt 10c	51 Light Blue	Pkt
50 Pink and White	Pkt 10c	52 Pure White	Pkt

53 THE BRIDE—A variety of the G type. The flowers, on opening, are purest white, changing as they become older to a beautiful shade of rose, most unique transformation. Pkt

54 Mixed—Pkt 10c, 3 pkts 25c.

Japanese Giant Aster

55 Entirely distinct and novel. Plan pyramid growth, about 18 inches high, bearing on long stems from 40 flowers, averaging 5 inches across, posed of wavy and twisted petal shapes, making the flower from the stiff and formal appear usual to Asters. We offer beautiful colors, mixed. Per pkt 10c, 3 pkts

Ostrich Plume Aster

56 The plants grow 15 to 18 inches high, are of strong luxuriant branching, the flowers measuring 4 to 5 inches in diameter and borne on long stems, petals are long, wavy and so twisted to give an extremely beautiful effect. This strain of Asters is of real value both for garden decoration and cutting. Pkt 10c, 3 for 25c.

Special Offer

For those wishing a succession of Asters during the season we offer the following 4 varieties

QUEEN OF THE MARKET, Mixed, Early
PÆONY FLOWERED, Mixed, Medium
VICTORIA, Mixed, Medium
SAMPLES BRANCHING, Mixed, Late

1 Pkt each for 35 cts

ASTERS . . .

Temple's Branching

Temple's Branching Asters, for size of bloom, freedom of flowering and other good qualities, we have never seen equalled. The plants form strong, robust bushes about two feet high, bearing profusely on long, strong stems, handsome chrysanthemum-like flowers, many being over six inches in diameter. The flowers have none of the stiffness usual to most Asters, making them particularly desirable as cut flowers. They come into flower from two to three weeks later than most sorts, filling the gap between the general run of Asters and Chrysanthemums.

57 Pure White	per pkt 10c	61 Blackish Blue	per pkt 10c
58 Shell Pink	" 10c	62 Crimson and White	" 10c
59 Lavender Blue	" 10c	63 Rose and White	" 10c
60 Bright Crimson	" 10c	64 Mixed Colors	" 10c

One packet each of any five colors for 35 cents.

Daybreak (New)—A grand variety, of American origin. It attains a height of 18 to 24 inches, and produces lavishly its perfect globe-shaped flowers of beautiful shell-pink color, similar to that of the Daybreak Carnation. A magnificent variety either for bedding or for cut flowers. Per pkt 10c, 3 pkts 25c.

" Mignon" Mixed—This beautiful Aster has rapidly acquired general popularity. We have, it is true, succeeded in obtaining several new colors; but they show as yet such a tendency to vary that we are constrained to offer them mixed seed only. It contains light blue, lilac, rose, carmine rose and crimson varieties in addition to the fine white one. Per pkt 10c.

Washington—Pure white, flowers 4 to 5 inches in diameter and of perfect form. Free bloomer. Per pkt 10c.

Vick's White Branching—This Aster is a strong grower of branching habit, and blooms later in the season than any other variety. The flowers are pure white, four inches and over in diameter, and borne on long stems. Pkt 10c.

China—Double-quilled Chinese Aster; 1 to 2 feet; in variety mixed. Oz \$1, pkt 5c.

Chrysanthemum-Flowered Double Dwarf—Of very compact growth, very abundant; later than other varieties, therefore valuable for succession; 1 foot, mixed colors. Pkt 10c.

Crown or Cockade—Large flowers with two colors, the centre being white; height 1½ feet, varieties mixed. Pkt 10c.

Giant Emperor—Beautiful class, large double flowers, varieties mixed. Pkt 10c.

Goliath White—Vigorous growth, producing immensely large flowers upward of 5 inches in diameter, so double as to appear in a subconical form, of a dazzling white color. Pkt 10c.

SIMMERS' EXCELSIOR MIXTURE OF TALL DOUBLE ASTERS—This is a mixture of the most beautiful, striking and delicate colors of tall varieties selected from the cream of Truffaut's desirable sorts, and includes our best named kinds. Like our other popular mixtures of Pansies, Nasturtiums, etc., we select the finest special colors for Simmers' Excelsior Mixture of Tall Double Asters, and the Aster lover will be astonished at the wide range of colors given in this truly excelsior strain. Pkt 10c, 3 pkts 25c, ½ oz 60c.

SIMMERS' EXCELSIOR MIXTURE OF DWARF ASTERS—Many of our customers may find difficulty in choosing among the above strains of Dwarf Asters, and where not desired for an even bed or border we would recommend the planting of our Excelsior Mixture. It consists of the most distinct and lovely colors from all the above Dwarf Asters, and we guarantee it to give satisfaction. Pkt 10c, 3 pkts 25c, ½ oz 60c.

ASTER SEED BY WEIGHT

Victoria	White, pink or crimson	per one-eighth oz	50c
	All colors mixed	"	40c
Truffaut's	White, pink or scarlet	"	40c
	All colors mixed	"	35c
Dwarf Chrysanthemum-Flowered	All colors mixed	"	35c
Comet Mixed	"	"	35c
Temple's Mixed	"	"	25c

AMARANTHUS

Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equalled by any class of plants. They succeed in any soil.

Amaranthus Atropurpureus—Hardy annual, 3 feet in height, drooping flower plumes, heart-shaped metallic-tinted leaves. Pkt 5c.

77 **Caudatus** (Loves Lies Bleeding)—Hardy popular annual, 2 feet in height. Pkt 5c.

78 **Melancholicus Ruber**—Half-hardy annual, 2 feet high, with rich, blood-red foliage. Pkt 5c.

79 **Monstrous** (Prince of Wales Feather)—A hardy popular annual of pleasing effect, 2 feet in height. Pkt 5c.

80 **Salicifolius** (Fountain Plant)—2 to 3 feet in height, of branched and pyramidal growth. Pkt 5c.

81 **Salicifolius Henderi**—3 to 5 feet high, forming a well-branched, gracefully-curved pyramid, with pendent foliage 12 inches in length. Pkt 10c.

82 **Tricolor** (Joseph's Coat)—Half-hardy annual, 1½ ft. high, foliage beautifully marked, yellow, red and green, very showy. Pkt 5c.

83 **Tricolor Splendens**—An improved variety of the preceding, the foliage being more distinctly marked. Pkt 5c.

ALOYSIA (Lemon-Scented Verbena)

A perennial, popular deciduous greenhouse shrub known as the Lemon-Scented Verbena, Aloysia Citriodora (*Verbena Citriodora*). Pkt 10c.

Amaranthus Tricolor. Pkt 5c.

ALOYSIA (Lemon-Scented Verbena)



Temple's Branching Aster. Pkt 10c.

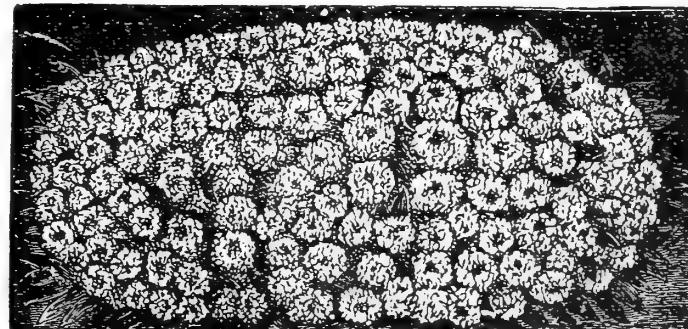
ALYSSUM

Free flowering, pretty little plants for beds, edging or rock work. The annual variety blooms the whole summer, and the perennial is among our earliest and most attractive spring flowers.

85 **Sweet Alyssum**—White fragrant flowers, hardy annuals, 6 inches. Per oz 30c, pkt 5c.

86 **Little Gem**—Of dwarf, compact habit, 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter. Flowers when quite small, and is a solid mass of white bloom from spring till late autumn. Per oz 60c, pkt 10c.

87 **Saxatile Compactum**—Golden yellow, shining, hardy perennial, three-quarter foot high. Pkt 5c.



Alyssum,
Little
Gem
Pkt 10c.

ALONSOA (Mask Flower)

Handsome bedding plants, succeeding well in any garden soil, freely producing flowers of great brilliancy; half-hardy annual.

88 **Warscewiczi**—Bright scarlet flowers. Pkt 5c.

89 **Linifolia**—Scarlet flowers, fine feathered foliage. Pkt 5c.

AMPELOPSIS

90 **Quinquefolia** (Virginia Creeper)—One of the best climbing plants for permanent situations, as it is perfectly hardy, clinging to the sides of whatever it may be growing against by the rootlets which it throws out along the stems. Grows 50 to 100 feet high. Pkt 10c.

91 **Ampelopsis Veitchii** (Sometimes called Japanese Ivy and Boston Ivy)—It clings to stonework, trees, etc., and is a splendid plant for covering unsightly objects; it attains a height of 50 feet. Perfectly hardy. See Plant List for large well-grown plants. Pkt 10c.

ANAGALLIS (Pimpernel)

Pretty little trailing, hardy annuals, flowering profusely in summer; used with advantage for small beds, edgings, rustic baskets, vases or rock work.

92 **Grandiflora**—Scarlet, blue and carmine mixed. Pkt 5c.

ANCHUSA

Showy, hardy perennials, with intense blue flowers of the form of Forget-me-not, with clear white centre, continuing in bloom for a long time.

93 **Altissima**—Three feet in height. Pkt 5c.

ANGELONIA

Pretty hot-house plant with fine musk-like scent; suitable for windows.

94 **Florabunda Grandiflora**—Pkt 15c.

Premiums on Flower Seeds in Packets

The purchaser, when remitting cash with order, can select **25 Cents** worth of packets extra for each dollars' worth of packets ordered at retail catalogue prices.



Antirrhinum, Tom Thumb. Pkt 5c.

flowers of the most brilliant colors, with beautifully succeed in any good garden soil, and are very effective in beds. Hardy perennials, blooming the first year from seed; one to two feet high.

101 **Tall**, extra fine striped and plain varieties. Pkt 5c.
102 **Dwarf**, extra choice mixed colors. Pkt 5c.

ARISTOLOCHIA (Dutchman's Pipe)

103 **Bonplandi**—An exceedingly beautiful and interesting rapid-growing deciduous hardy perennial climber, flowers resembling a tobacco pipe. Pkt 10c.

ARMERIA (Thrift, Sea Pink)

104 **Formosa Rosea**—Commonly known as Thrift; hardy perennial of low growth, rosy flowers of long duration, like Everlastings; the plants are the best for edging borders or rockeries. Pkt 10c.

ARABIAN PRIMROSE (Summer Flowering)

105 **Arnebia Cornuta**—A charming annual, growing in bushy form about two feet high and about the same in breadth. It blooms with unusual profusion during the whole summer, one plant often producing from 100 to 150 spikes of exceedingly beautiful flowers, over three-quarters of an inch across, and of a rich primrose yellow, marked with five black spots; the spots change on the second day to a rich maroon, and on the third day vanish, leaving the flower a clear bright yellow. It is an excellent cut flower—the bloom remains fresh in water for ten days. Highly effective when grown in masses. Pkt 15c.

ASPARAGUS

106 **Plumosus Nanus**—This plant possesses the advantage of being very graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright cheerful green. It is an excellent house plant, succeeding under almost any conditions. Pkt 10c, 3 for 25c.

107 **Sprengeri**—A pot plant for decorative purposes or for planting in suspended baskets. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any position. We consider this one of the best house plants introduced in many years. Pkt 10c, 3 for 25c.



Asparagus Plumosus Nanus



Brachycome (Swan River Daisy). Pkt 5c.

AQUILEGIA (Columbine)

Highly ornamental, hardy perennials, combining at once flowers the most curious in form, with colors most striking and beautiful; height from 2 to 3 feet; seed germinates very slowly.

95 **Stellata fl., pl.**—Star-like double flowers, different colors, mixed. Pkt 10c. 96 **Vulgaris, fl., pl.**—Double flowers, showy different colors, mixed. Pkt 5c.
97 **Chrysanthia** (Golden Spurred) — Bright golden yellow, 3 feet. Pkt 10c.

ARABIS (Rock Cress)

Remarkably early flowering dwarf plants for rockeries, flower-beds, edgings, etc. Continues in bloom from early spring until frost sets in; seeds may be sown any time from April to September in the open ground, and succeed in any garden soil; in height 9 inches; hardy perennial.

98 **Alpina**—Per pkt 10c.

ARGEMONE (Prickly Poppy)

Showy, hardy annuals; flowers the shape of a single poppy; leaves bluish green, with white veins forming pleasing contrast; of easy culture.

99 **Grandiflora**—Height 2 feet, large flowered. Pkt 5c.

100 **Mexicana**—Showy yellow. Pkt 5c.

ANTIRRHINUM (Snapdragon)

One of the most showy and useful border plants. The more recently improved varieties of this valuable genus have large, finely-shaped

marked throats; they



Double Columbine—Aquilegia. Pkt 5c.

ASPERULA (Woodruff)

108 **Aurea Setosa**—A hardy annual of easy culture in any soil, and most valuable qualities, with verbena-like umbrels of azure blue flowers; height one foot. Pkt 5c.

109 **Odorata**—A hardy perennial, one foot in height; the small star-like branches of fragrant white flowers appear in May and June. Pkt 10c.

ARTEMISIA

110 **Stelleriana**—Hardy, showy perennial, with beautiful silvery, large and gracefully cut leaves, of agreeable odor, a valuable bedding plant flowers small. Pkt 10c.

IAURICULA

111 **Variegated**—Very beautiful dwarf, hardy perennial, succeeds best in northern aspect not exposed to the sun; choice quality. Pkt 10c.

BALLOON VINE (Love in a Puff)

112 A rapid-growing, handsome summer climber, small white flowers, seed vessels resemble small balloons, 10 to 15 feet high. Pkt 5c.

BARTONIA

113 **Aurea**, or Golden Bartonia—A favorite hardy annual, with showy brilliant yellow flowers; of easy culture. Pkt 5c.

BEET (Ornamental)

The ornamental-leaved Chilian Beets are among the most useful of decorative foliage plants. For ribbon beds or groups they are very effective.

114 **Red Chilian**—Scarlet ribbed. Pkt 5c, oz 15c.

115 **Yellow Chilian**—Golden yellow. Pkt 5c, oz 15c.

116 **Dracæna-leaved**—Brilliant dark red foliage. Pkt 5c.

BEGONIA

Plants may be had in flower the first season from seed grown in February or March in a temperature of 60°. Set out in beds as soon as the ground becomes warm. Keep tubers over winter in dry sand.

117 **Giant Single Tuberous Rooted**—Finest mixed varieties. Pkt 25c.

118 **Giant Double Tuberous Rooted, Mixed**—Our seed has been hybridized, using the most double flowers and handsome single varieties. Pkt 25c.

119 **Pearcei**—A magnificent tuberous variety, bright golden color. Pkt 25c.

120 **Rex Hybrids**—Ornamental-leaved varieties. Pkt 25c.

121 **VERNON**—Flowers of a brilliant orange carmine; foliage of a glossy red, blooms profusely throughout the summer, and is destined to be a most popular bedding. Pkt 10c.

BELLMOWER—(See Campanula).

Begonia Single, Tuberous Rooted. Pkt 25c.

BLEEDING HEART—(See Dicentra).**BOCCONIA**

122 **Japonica**—A hardy, perennial foliage plant, of pleasing effect among shrubbery, 5 to 6 feet. Pkt 5c.

BRACHYCOME (Swan River Daisy)

Neat dwarf, half-hardy annual, 6 inches high, flowers similar to the Cinerarias.

123 **Iberidifolia**—Blue. Pkt 5c.

124 **White**—Pkt 5c.

BROWALLIA

125 **Elata**—Blue. Pkt 5c.

126 **Elata**—White. Pkt 5c.

127 **Roezlii**—Blue, yellow centre. Pkt 10c.

128 **CACALIA**—Mixed. Pkt 5c.

129 **CALANDRINIA**—*Grandiflora*—Deep pink. Pkt 5c.

CACTUS

130 Sow seed in flower pot saucers filled with coarse sand, and cover with glass. A better way is to set the saucer of seeds into a larger one containing water. Put the young seedlings into very small pots. Many varieties, extra choice mixed. Pkt 10c.

BALSAMS . . .

Balsams or Lady Slippers are old favorites with everyone, owing to their handsome double flowers, brilliant colors and stately growth. To produce very double flowers they must be transplanted in a rich soil, in a sunny position and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy-growing varieties. Also called Lady Slipper and Touch-Me-Not. In brilliancy of color Balsams are equal to any class of flowers, and the easy mode of their cultivation renders them one of the most popular annuals in existence. They may be treated either as hardy or half-hardy annuals.

Simmers' Invincible Camellia-Flowered, Double—Height two feet: flowers large, blotched with white like the Camellia, in variety of colors, mixed. Pkt 10c, 3 pkts 25c, 1 oz 50c, oz \$2.



Calendula, Double Large Flowering, Sulphur Yellow. Pkt 10c.



Calceolaria, Lady's Slipper. Pkts 25c and 50c.



Campanula—Canterbury Bells

132 Dwarf Double—Not over one foot in height, flowering in such an abundant manner as to hide the leaves; quite distinct and true from seed. Pkt 10c.

133 Solferino Double, or Carnation Striped—Distinguished by the flowers being striped and streaked with lilac and scarlet on satin-white ground. Pkt 10c.

134 Camellia-Flowered, Perfection White (Queen's White)—Flowers pure white, of immense size and solidity. Pkt 10c.

135 Victoria Double—Brilliant salmon-scarlet, finely-spotted and streaked flowers on white ground, tall, very fine. Pkt 10c.

Collection of Camellia-Flowered Double—Ten very fine varieties, 50c.

CALENDULA (Pot Marigold)

A showy free flowering genus of hardy annuals, producing a pretty effect on mixed borders, and growing freely on any soil.

136 Double Large Flowering, Sulphur Yellow—A light yellow variety of this favorite annual, compact habit, large well-filled flowers. Pkt 10c, 3 for 25c.

137 Pongei fl. pl.—Double white. Two feet high. Pkt 5c.

138 Ranunculoides fl. pl.—Double flowering dwarf orange. Pkt 5c.

139 Superba—Sulphur. Pkt 5c.

140 Meteor—Double striped, flowering, very commendable. Pkt 5c, oz 20c.

CALCEOLARIA (Lady's Slipper)

A most magnificent, early flowering class of indoor or hardy greenhouse plants treated as biennials, with remarkably showy, interesting flowers, mottled and spotted in endless varieties of shade.

141 Hybrida Maculata—Variety of the preceding, with spotted or mottled flowers, highly improved. 1/2 pkt 25c, pkt 50c.

142 Hybrida Shrubby, or Perennial—For bedding out, bright yellow flowers. Pkt 50c.

CALIFORNIA GOLDEN BELLS

143 Emmanthe Pendulifera—An annual bushy plant, 9 to 12 inches high, each branch is loaded with broadly bell-shaped pendulous of unwithering flowers, about one-half inch long, of creamy yellow color. The general effect of a branch is very suggestive of a long spike of Lily of the Valley with large yellow bells; the foliage, however, is pinnatifid. Pkt 10c.

CAMPANULA (Canterbury Bells)

Bellflowers, when well grown, are among the most attractive of hardy perennial plants, from the rich profusion of bell and saucer-shaped flowers in blue, white or flesh color.

144 Medium Mixed (Canterbury Bells)—Two feet high; large single blue flowers. Pkt 5c.

145 Medium fl. pl., Mixed—Double flowering variety of the preceding, constant from seed. Pkt 10c.

146 Pyramidalis—Three to five feet high, producing long spikes closely set with deep blue flowers. Pkt 10c.

147 Loreyi—A dwarf hardy annual, with deep blue flowers. Pkt 10c.

148 Macrostyla—A hardy annual 15 in. high, forming a broad-headed bush, surmounted with cup-shaped flowers, 1 1/2 in. across, violet purple upon white ground. Pkt 10c.

149 Cup and Saucer Campanula—One of the prettiest hardy perennial Campanulas, the flowers grow in the form of a cup and saucer, the colors are principally white and rose and occasionally blue. Pkt 10c, 3 for 25c.

150 Striped Cup and Saucer—The bells average 3 in. in length, and the saucers 4 to 5 in. across, of a satiny lavender. Plants form perfect pyramids of bloom about 2 1/2 in. high. Hardy biennial. Pkt 10c, 3 for 25c.

Remember our discounts. One dollar buys \$1.25 worth of seeds in packets. Our packets are very liberal and the quality of our seed unsurpassed.



Simmers' Invincible Camellia-Flowered Double Balsam. Pkt 10c.

CALLIOPSIS OR CORREOPSIS

Showy, free flowering hardy annuals, indispensable in any collection, adapted for bouquets.

151 Double Calliopsis—Double golden-yellow with maroon spots. Pkt 5c.

152 Tricolor—Very desirable hardy annual, 1 to 1 1/2 ft., yellow flowers, dark centre. Pkt 5c.

153 Cardaminæfolia, Hybrida—Of more dwarfish habit than the preceding, dark brown. Pkt 5c.

154 Golden Wave—Very showy sort, bright golden-yellow flowers, dark centre. Pkt 5c.

155 Correopsis Lanceolata—Golden Correopsis—One of the finest hardy plants, large, showy, bright golden yellow flowers freely produced on long stalks from June till frost. Hardy perennial, 3 feet. Pkt 10c.

CALLIRRHOE

156 Pedata—A half-hardy annual of the Mallow tribe, with large deep rosy flowers produced in abundance during the whole summer, of easy culture, height 2 feet. Pkt 5c.



Calliopsis Golden Wave. Pkt 5c.



Canary Creeper, or Canary Bird Flower

Canna

(or Indian Shot)

Very stately and highly ornamental plants, with large broad, massive foliage and rich crimson, scarlet or yellow flowers. When planted in groups or masses they impart a tropical aspect to the garden. They are half-hardy, and produce fleshy roots which, if taken up and kept in a cellar, may be divided every spring and used like Dahlias for years.

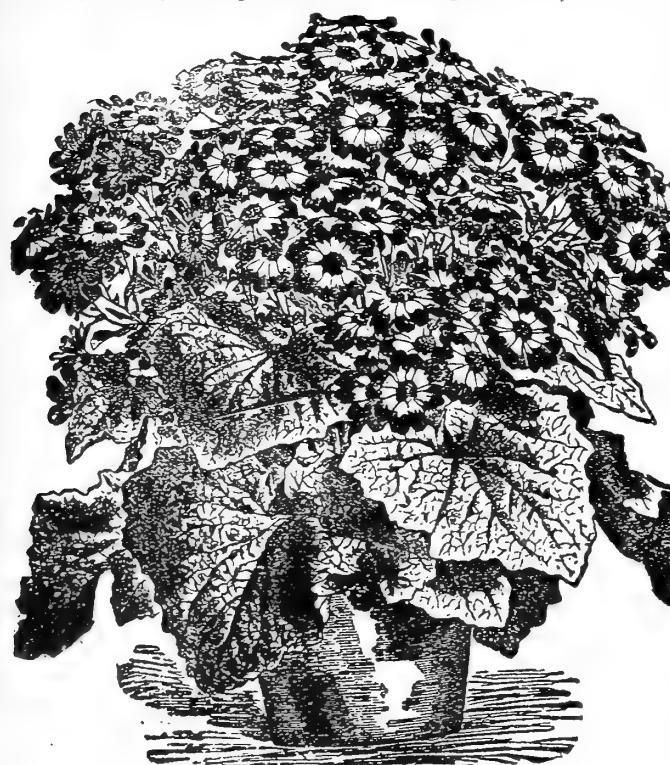
167 **Crozy's New French, or Gladiolus Flowered**—This new and distinct class, of dwarf, compact habit, produces flowers similar to the Gladiolus, but excelling them in brilliancy, marking and variety of colors, embracing all shades. They are valuable for groups, solitary plants and for house decoration. They will bloom the first year from seed. Per pkt 10c, $\frac{1}{2}$ oz 20c.

168 **CHOICE MIXED, Old Varieties**, red and green foliage. Pkt 5c.

CINERARIA

FLOWERING VARIETIES—A popular class, mostly indoor or greenhouse plants, yielding abundance of bright tinted flowers early in spring in great variety of shades. Cinerarias grown from our strain of seed have been greatly admired on account of their large flowers and distinct colors.

Our strain of Cineraria cannot be surpassed either for size of flowers or beauty of color, many of the blooms measuring $2\frac{1}{2}$ inches in diameter. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the best should obtain our strain.



Cineraria Hybrida Grandiflora Maxima

169 **Hybrida Grandiflora Maxima**—Mixed. Per $\frac{1}{2}$ pkt 25c, pkt 50c.

170 **Hybrida, double flowered**—Representing every shade of color; unquestionably one of the best of recent introduction. Per pkt 50c.

BEDDING CINERARIAS

171 **Maritima**—A hardy perennial extensively used for bedding purposes on account of the silvery, finely fringed foliage. Per pkt 5c.

172 **Acanthifolia**—Silvery leaves, beautifully cut, 1 foot high. Pkt 10c.

Catchfly

173 A favorite hardy annual, 1 foot high, flowering freely, and suitable in any soil. Pink and white. Per pkt 10c.

CANARY CREEPER

(or Canary Bird Flower)

157. A well-known, pretty, favorite creeping annual, with bright yellow flowers shaped like a bird with partly extended wings, running up to 8 or more feet in height, in light, rich soil; it may be treated as a hardy or half-hardy annual. Per pkt 5c, oz 30c.

Candytuft

Hardy annual or perennial, yielding an abundance of fragrant flowers throughout the whole season in almost any soil or situation; it is a well-known favorite for beds, edgings, pots, borders, etc., deserving to be cultivated in every garden.

158 **Empress**—One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers, resembles a floral candelabra. Do not sow too thickly. Per pkt 10c, 3 pkts 25c, $\frac{1}{2}$ oz 30c.

159 **Candytuft, Scarlet**—One foot high. Pkt 5c.

160 **Purple**—One foot high. Pkt 5c.

161 **White Rocket**—Per pkt 5c, $\frac{1}{2}$ oz 15c.

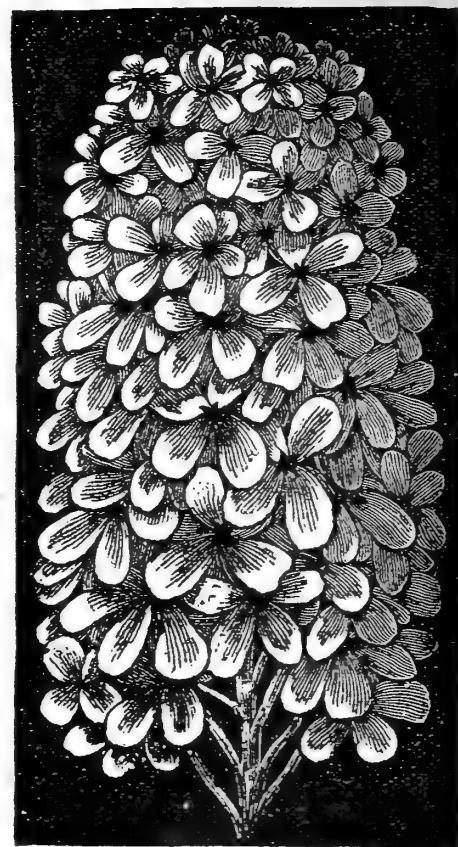
162 **Snowflake White**—One foot high. Pkt 5c, oz 25c.

163 **Mixed**—All colors. Per pkt 5c, $\frac{1}{2}$ oz 15c.

164 **Dwarf Tom Thumb, White**—Sweet scented flowers, nine inches high. Per pkt 5c.

165 **Perennial (Iberis Tenoreana)**—A half-hardy perennial shrub, 1 foot high, white fragrant flowers, for indoor culture. Per pkt 10c.

166 **Iberis Gibraltarica, Perennial**—A beautiful hardy perennial, about 1 foot high, specially adapted for rockeries, baskets, etc. Coming into flower early in the spring. It is a very profuse bloomer, and in color it is pure white, shading off to delicate lilac. Pkt 10, 3 for 25c.



Empress Candytuft. Pkt 10c.

CASTOR OIL BEAN (Palma Christi)

Most favorite stately growing hardy annuals; from their tall growth and fine foliage well suited for decorating shrubberies or lawns.

174 **ZANZIBAR CASTOR BEAN**—A new form of *Ricinus*, of short-jointed stout growth and extraordinary large leaves, which are produced in such abundance that the plant is a perfect pyramid of beautiful foliage. The most tropical and ornamental Castor Bean yet introduced. The seeds, which grow to extraordinary size, are beautifully mottled and speckled, and show various colors: White, pink, black, crimson, etc. The seeds are as beautiful to look at as are many flowers. They are sure to please all. Per pkt 10c, oz 20c, $\frac{1}{2}$ lb 50c.

175 **Cambogiensis (Cambodian Palma Christi)**—They grow from 6 to 8 feet high in a few weeks from time of planting, with large, palm-like leaves of a bronzy red maroon color, with large red veins. The leaf, stems and younger growth are of rich reddish brown, while the main stem or trunk is of ebony black, the foliage in the sunlight glitters as if highly burnished. Price, per pkt 10c, oz 35c.

176 **Borboniensis Arboreus**—Immense green foliage. 15 feet. Pkt 5c, oz 30c.

177 **Gibsoni**—Dark purple stems and leaves; 5 feet. Per pkt 5c, oz 80c.

178 **Sanguineus**—A distinct variety, with beautiful brownish-red foliage and bright seed pods; very effective; 6 feet high. Pkt 10c, oz 30c.

179 **Mixed**—In many sorts. Per pkt 5c, oz 20c.

Centrosema Grandiflora or Butterfly Pea

180 A perfectly hardy perennial vine of rare beauty; which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers ranging in color from a rosy violet to a reddish purple with a broad feathery white marked thro' the centre, the buds and back of the flowers being pure white. Per pkt 10c.

REMEMBER!
When asked for we give a
copy of **Hints on Growing
Flowers** (32 pages), with
every
Dollars
ordered.



Castor Oil Bean—Zanzibarensis. Pkt 10c, 3 for 25c



Chrysanthemum, Single Mixed
Pkt 5c.

CHRYSANTHEMUM

(Annual Summer Flowering)

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer flowering border plants; good for pot culture, and quite distinct from the autumn flowering variety.

186 **Coronarium**—Two feet double white and yellow mixed. Pkt 5c.

187 **Single Mixed**—One to two feet. Per pkt 5c, oz 30c.

188 **Eclipse**—Pure golden, with bright purplish scarlet ring on ray floret; disc is brown. Per pkt 10c, 3 for 25c.

189 **Dunnettii**—Three-colored flowers, very pretty. Per pkt 5c.

190 **Grandiflorum Frutescens**—("The Marguerite" or "Paris ivy"). It produces freely white star-like flowers. Pkt 10c, 3 pkts for 25c.

191 **Inodorum Plenissimum**—Double, snow-white, very free-flowering and fine for cutting. A perennial flowering the first year from seed. Pkt 10c.

192 **Japanese Hybrids**—The seed here offered has been saved from a magnificent collection, from blooms that have been carefully crossed, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed grown in spring will produce vigorous flowering plants by fall, and do better than old plants. Per pkt 25c.

CLEOME (Spiderwort)

Very pretty half hardy fragrant annuals, 2 ft. high, flowers somewhat resemble a spider.

193 **Purpurea**—Purplish blue flowers. Pkt 5c.

194 **Pungens (Giant Spider Plant)**—A showy robust growing plant, 4 to 5 feet high, producing long curious spikes of flowers of a bright rose color. Pkt 10c.

CENTRANTHUS

195 **Macrosiphon**—Showy, low growing, hardy annuals, suitable for any ordinary garden soil. Pink flowers, 1 foot. Pkt 5c.



Clematis paniculata. Pkt 10c, 3 pkts 25c.

Simmers Carnations

A magnificent genus of hardy popular perennials, with deliciously fragrant flowers of most brilliantly variegated colors.

181 **Extra Choice Double**—Mixed, saved from a rich collection of named flowers, which will produce splendid varieties. Per pkt 25c.

182 **Fine Double**—Mixed, sweet scented sorts. Pkt 10c.

183 **Remontant, Perpetual Flowering or Tree**—Flowering almost constantly during the year, and in winter if kept indoors. Seeds from extra choice double flowers. Per pkt 25c.

184 **Early Dwarf Grenadin**—For yielding a quantity of double flowers for cutting there is no carnation that can equal it. It will live through the winter with very little protection, being one of our hardiest sorts. Flowers salmon-red and sweet scented. Pkt 10c.

185 **Marguerite**—Plants are of dwarf, compact and neat habit, branching closely above the ground, and do not require any support. They flower most abundantly, and throughout the whole year. Eighty per cent. of the flowers are very double, never burst, and embrace a great variety of colors. The seedlings bloom in four months from planting and by making repeated plantings flowers may be had all winter. Per pkt 10c, 3 for 25c, 7 for 50c.

For Carnation plants, see under Plants.

CLARKIA

A genus of hardy annual plants of great elegance and beauty, succeeding well in any soil, and flowering freely in many shades of color.

196 **Mrs. Langtry**—A beautiful form of Clarkia. The petals have an even edge, the color of the flowers being purest white, with an evenly defined disc or centre of carmine crimson. Pkt 10c.

197 **Double and Single Varieties**—Mixed. Per pkt 5c.

CLEMATIS (Virgin's Bower)

These hardy perennials are most rapid growing climbers, producing an abundance of interesting, sweet-scented and showy flowers.

198 **Flammula**—Sweet-scented white flowers. Per pkt 5c.

199 **Jackmanii**—Rapid climber, with intense deep violet purple flowers of large size. Pkt 10c.

200 **Paniculata (Japanese Virgin's Bower)**—This is one of the few really good hardy climbers, and has so many merits, that we have decided to bring it prominently to the notice of our customers. Unlike other sorts, it grows easily from seed, and sown early will flower the first year. The leaves are of a bright, glossy green, it is never troubled with insect pests, and when in bloom astonishes with the quantity of flowers, being completely hidden beneath a blanket of white hawthorne-scented blossoms. (See cut.) Pkt 10c, 3 pkts 25c.

CERASTIUM

(Snow in Summer)

201 **Biebersteinii**

One of the prettiest hardy perennial plants ever known for bedding out or ribboning, being of dwarf growth, densely branching with leaves covered with a cottony down of snowy whiteness, and producing a profusion of elegant white flowers, 6 inches high. Per pkt 10c.

CLIANTHUS

(Glory Pea of Australia)

202 A splendid half-hardy shrub 2 feet high, with large, rich, crimson-shaded clusters of pea flowers, shaped like parrot bills. If sown early will flower outdoors the first year. Pkt 25c.

CLINTONIA

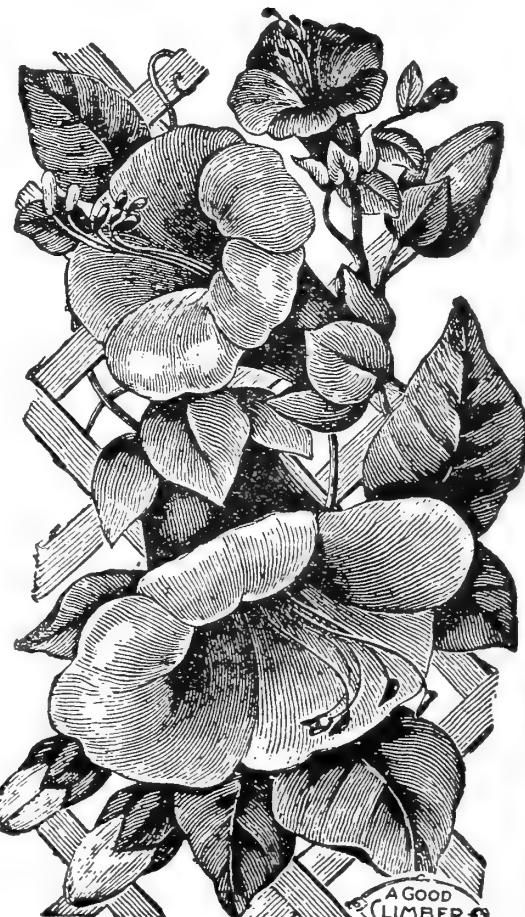
203 **Pulchella**—Elegant, tiny, half-hardy annual, 6 to 8 inches high. sky-blue flowers, with white centre. Best grown in pots or in hanging baskets. Pkt 10c.

COBÆA

Elegant rapid-growing climbers, 20 to 30 feet high, that can be grown in the greenhouse or conservatory, or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc. Flowers large and bell-shaped.

204 **Scandens**—Large, bell-shaped, purple flowers. Per pkt 10c, 1 oz 20c.

205 **Scandens Alba**—Pure white. Per pkt 10c.



Cobaea scandens. Pkt 10c.

CENTAUREA

(Corn Flower, or Bachelor's Button)

Showy, free flowering, hardy annuals, succeeding well in any kind of soil.

206 **Marguerite**—The handsomest Centaurea known and should be planted in every garden. The plants grow about fifteen inches high and are of the easiest culture. The flowers are of the purest white, exquisitely fragrant, and are produced in great abundance. Having long stems, it is valuable both as a cut flower and for decorative purposes. Pkt 10c, 3 pkts 25c.207 **Odorata Chameleon**—Its flowers are large, sweet-scented, and of a pale sulphur-yellow, changing gradually into creamy white with purple shadings and again into pink. Pkt 10c, 3 for 25c.208 **Odorata (Mixed)**—Habit same as the preceding. Pkt 10c.209 **AMERICANA**—Lilac flowers, 3 feet high. Pkt 5c.210 **Depressa**—Deep blue flowers, one foot high. Pkt 5c.211 **Double**—We are satisfied that this introduction will meet with a hearty welcome. In addition to the *doubleness* of the flower, this strain contains a number of new shades. Pkt 5c.

Centaurea Cyanus, Cornflower. Pkt 5c.

212 **Cyanus (Blue Bottle)**—Different shades of colors, mixed, 2 feet high. Pkt 5c.213 **Suaveolens (Sweet Sultan)**—Bright golden yellow flowers, height 1½ feet. Pkt 5c.

DUSTY MILLER—White leaved. The following are beautiful hardy perennial plants with silvery leaves of dwarf growth, useful for bedding, and treated as annuals if sold early in the spring.

214 **Candidissima, Compacta**—Pkt 10c, 1,000 seeds 75c.215 **Gymnocarpa**—Pkt 10c, 1,000 seeds, \$1.00.COCCINEA INDICA
(Scarlet Fruited Ivy Leaved Climber)

216 This is a remarkably pretty climber, foliage ivy-like, bright and luxuriant, never troubled with insects, and admirably adapted for trellises, arbors, etc. The small flowers are soon followed by numerous fruits two inches long, which turn to brilliant scarlet spotted with white. Half-hardy perennial—10 feet. Pkt 10c.

COLEUS

217 **Hybridus**—Beautiful ornamental foliage plants both for hot-house and bedding out during summer; the broad oblong leaves being of a deep, crimson brown color, edged with green, yellow or salmon color, or mottled in a most picturesque manner. Simmers' finest mixture. Pkt 25c.

COLUMBINE (See Aquilegia)

COCKSCOMB (or Celosia)

Splendid half-hardy annuals, generally known. To grow them to perfection they should be planted in the richest compost, in a sheltered position.

218 **CRISTATA, Giant**—Mixed colors. Pkt 5c.219 **Dwarf**—Mixed colors. Pkt 10c.220 **President Thiers, Glasgow Prize or Tom Thumb**—A fine dwarf variety, with dark leaves and crimson combs. Pkt 10c, 3 for 25c.221 **Japonica (Japanese Cockscorn)**—Plants 2½ feet in height, dark red foliage and stem, purplish scarlet head. Pkt 10c.222 **Thompson's Superb (Triomphe de l' Exposition)**. Pyramidal in growth, attaining a height of a little more than two feet, and producing beautiful large spikes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. (See cut.) Pkt 10c.223 **Feathered or Ostrich Plume, Mixed**—This feathered Celosia produces very large plumes which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form. Pkt 10c.224 **"Golden Yellow" Branched Cockscorn (Celosia Japonica aurea)**—A pyramidal branched plant about 2 feet high, each branch being surmounted with finely ruffled comb, bright golden yellow. Pkt 10c.

Marguerite Centaurea. Pkt 10c.

COLLINSIA

225 **Bicolor, Mixed**—Very neat hardy annuals, foot high, growing in any light soil. Flowers purple, lilac and white spotted. Pkt 5c.226 **Cœlestis**—A pretty biennial, of easy culture and of low growth; flowers bright sky-blue. Pkt 5c.

COSMOS

Cosmos are unquestionably very handsome flowers, and it is astonishing how quickly they have become general favorites. Only a few years ago they were practically unknown. There is but one objection to their giving general satisfaction, and that is their late flowering habit. The plants require a very long time to develop, and that brings their flowering season late in the fall. This objection will not be found in our "early flowering" strain. Seed sown in the open ground in the beginning of May, will produce blooming plants in August, and they will continue to flower until late in fall. We know of no single flower that is as handsome and chaste as the Cosmos, while for keeping qualities when cut they are unexcelled.227 **Early Flowering Mixed**—Pkt 10c, 3 for 25c.228 **Early Yellow Cosmos**—Flowers sulphur yellow, from 1 to 1½ inches in diameter, the plants attaining a height of about 2 feet. Pkt 10c.229 **Dawn, Early Dwarf, Large-Flowering**—More bushy and compact than the older varieties, and grows only about four feet, while all others attain a height of six to seven feet. The flowers are fully as large as those of the old sort, pure white with a tinge of rose. They commence to bloom in July and last until frost. Pkt 10c.230 **Pure White "Pearl"**—Pkt 10c.

COLLOMIA

231 **Coccinea**—hardy annual, about 18 inches high, scarlet flowers neat in bouquets, grown in any light soil. Pkt 5c.

CONVOLVULUS (Dwarf Morning Glory)

Very popular hardy trailing annuals, flowering in different shades of brilliant blue and purple, with white centre, until late in autumn.

232 **Minor, Mixed**—These should more justly be called **Everblooming Morning Glories**, for they are covered with flowers from June until late in fall. The only annual that equals it in freedom of bloom is the Godetia. The flowers are about the size and shape as the tall or climbing Morning Glory. The colors are most varied, pleasing and delicate. Many colors mixed. Pkt 5c, oz 20c.233 **Double Flowering**—Flowers variegated, semi-double, but not very constant from seed. Pkt 5c.234 **Mauritanicus**—A hardy trailing perennial, sky-blue flowers, 1 inch diameter. Pkt 10c.

Dwarf Morning Glory



"Thompson's Superb Coxcomb"



Early Cosmos



Cyclamen Persicum Giganteum
Pkt 10c.

COWSLIP

235 **Primula Veris**—A well-known, hardy, early-flowering perennial, appropriate for edging borders; flowers bright yellow and fragrant. Pkt 5c.

236 **Giant American Cowslip** (*Dodocathion Cleve-landi*)—It throws up stems of flowers fully 1 foot high, each surmounted by 6 to 10 large, beautiful cyclamen-like flowers of violet blue, with yellow and black centre. It is perfectly hardy and beautiful plant for partially shaded situations. Pkt 25c.

CUCUMIS

237 **Flexuosis** (Snake Cucumber)—Fruit resembling a long green snake, upwards of seven feet in length, a great curiosity. Pkt 5c.

238 **Perennis, or Perennial Gourd**—A rapid growing, half-hardy perennial climber, handsome fruit. Pkt 10c.

CUPHEA (Cigar Plant)

Remarkable for their beauty, freedom of blossom and ornamental appearance both in the greenhouse and in the arbor; admirably adapted for pot culture for blooming in winter.

239 **Platycentra** (Cigar Flower)—One foot high, intense scarlet flowers. Pkt 10c.

240 **Roezlii**—Three feet high, brilliant scarlet flowers, blooming in winter. Pkt 10c.

CYCLAMEN

241 **Persicum Giganteum**—A graceful, tuberous greenhouse or parlor plant, with beautiful deep pink or white fragrant flowers. Finest mixed colors. Pkt 10c, 3 pkts 25c.

CYCLANTHERA

242 **Explodens**—Fast growing, hardy annual climber, fringed foliage, oval shaped fruit. Pkt 5c.

CYPERUS (Umbrella Plant)

243 **Alternifolius Variegatus**—A handsome foliage plant for the greenhouse or open ground; resembles an open umbrella frame. Pkt 10c.

CYPRESS VINE (Ipomoea)

244 **Cypress Vine** (*Ipomoea quamoclit*)—A beautiful scarlet or white flowering climber. Pkt 5c.

DAHLIAS FROM SEED

It is strange how few people know that Dahlias can be raised from seed and bloom the first year. The seed we offer is saved from the choicest varieties only, and if sown early will bloom profusely all summer.

245 **Double Cactus, mixed**—The plants grow in compact, well-branched, erect bushes, 30 inches in height. If sown as late as April (in the house) they will flower all summer long and until late in the fall. The flowers are double and in a large variety of handsome and rich colors. A very early-blooming race. Pkt 10c, 3 for 25c.

246 **Best Double Mixed**—Pkt 10c, 3 pkts 25c.

247 **Dwarf or Liliput Mixed**—Pkt 10c.

248 **Single Mixed**—Pkt 10c.

For DAHLIA ROOTS see under Bulbs.



Single Mixed Dahlias. Pkt 10c.

DIDISCUS

249 **Cæruleus**—A half-hardy annual, 2 feet high, delicately formed foliage and sky-blue flowers in umbels, very useful in bouquets. Pkt 5c.

DIELYTRA

250 **Spectabilis** (Bleeding Heart)—A beautiful hardy perennial, 2 to 3 feet high, feathered foliage, flowers lovely pink, drooping, heart-shaped, in numbers on slender stems. Pkt 10c.

DOLICHOS (Egyptian or Hyacinth Bean)

251 **Giganteus**—A favorite, hardy annual climber, of rapid growth, bearing large clusters of showy, fragrant flowers, the seed pods in form of beans, deep purplish-blue colored. Pkt 5c.

DRACENA OR CLUB PLANT

Palm-like plants, indispensable for decoration.

252 **Indivisa**—Grows easily from seed. Pkt 10c.

DRACOCEPHALUM (Dragon's Head)

253 **Moldavicum**—Annual, 2 feet high, blue flowers. Desirable hardy annual plants of low growth, of quite an agreeable fragrance, easily grown from seed. Pkt 5c.

DOUBLE DAISY (Bellis Perennis)

254 **Simmers' Mammoth Daisies**—The Double German Daisy is one of the prettiest dwarf hardy perennials in cultivation. It flowers the first year from being sown; seeds from the finest double sorts. Pkt 10c.

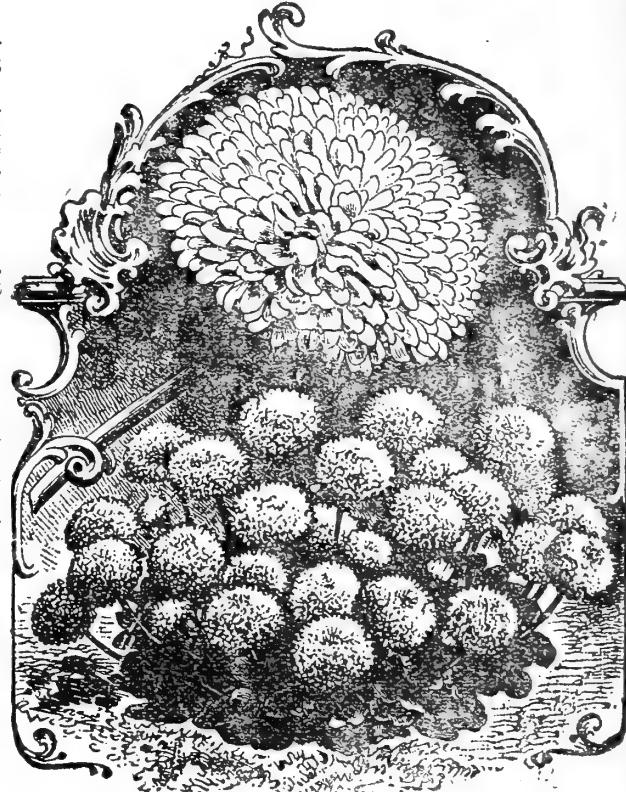
255 **Pure White**—Double, valuable for florists. Pkt 10c.

256 **Longfellow**—Fine large flowering, dark rose flowers. Pkt 10c.

257 **New Snowball Daisy**—A sport of that charming variety Longfellow, which possesses the good qualities of its parents; long stem, free bloom and large double flowers, about 80 per cent, of which are extremely large and snowy white, justifying its name. Pkt 15c.



Digitalis, or Foxglove
Pkt 5c.



Simmers' Mammoth Daisies

DICTAMNUS

Very pretty hardy perennials; the leaves have a pleasant smell like lemon peel when rubbed.

258 **Fraxinella, or Gas Plant**—The ordinary purplish pink form, while not showy, is stately, and the white variety is really handsome. It has strong, fresh, pleasant lemon perfume, particularly so when you rub the flowers. Pkt 10c.

259 **Fraxinella Alba**—White flowers. Pkt 5c.

DIGITALIS (Fox Glove or Witch's Finger)

Well-known, showy, tall, hardy perennials, with large spikes of beautiful bell-shaped flowers in different shades of purple and pink and white; height about 3 feet.

260 **Monstrosa Purpurea** (Mammoth Foxglove)—The largest and best type, all colors, mixed. Pkt 5c.

261 **Gloxinaeflora**—Large flower spikes, beautifully spotted, mixed. Pkt 10c.

DATURA (Trumpet Flower)

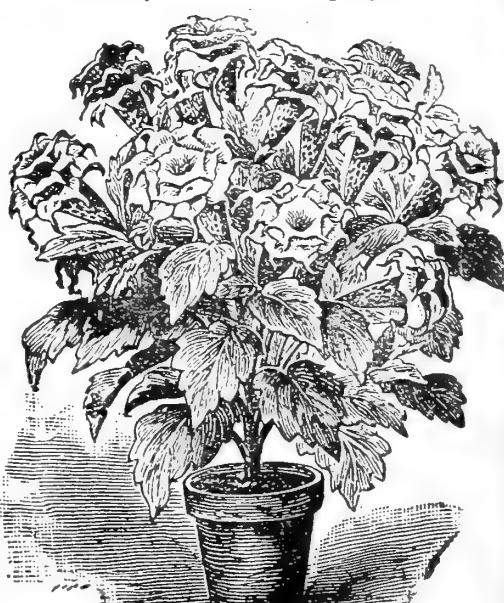
This genius forms part of our most showy plants both with respect to flower and foliage; flowers are trumpet-shaped almost six inches in length and very fragrant; they are half-hardy annuals.

262 **Double Golden Queen**—Large double flowers of a deep golden yellow, delightfully fragrant. Pkt 5c.

263 **Fastuosa Huberniana**—Mixed from large double flowers of various colors. Pkt 5c.

264 **Arborea Simplex** (*Brugmansia*)—Large, single, trumpet-shaped, white fragrant flowers, about 12 inches long; plant out in May. Pkt 10c.

265 **Cornucopia** (Horn of Plenty)—The plant is of robust habit, with thick brownish-purple, shining stems; branches spreading 3 or 4 feet, with dark green large leaves. The grand trumpet-shaped flowers measure 7 to 9 inches in length, and 4 to 6 inches across, and are formed of three distinct trumpet flowers, growing each within the other; the mouth of the corolla is a delicate white, while the outside is richly marbled with purple. Pkt 10c, 3 pkts 25c.



Datura, Cornucopia. Pkt 10c.



Dianthus Laciniatus, fl. pl. Pkt 10c.

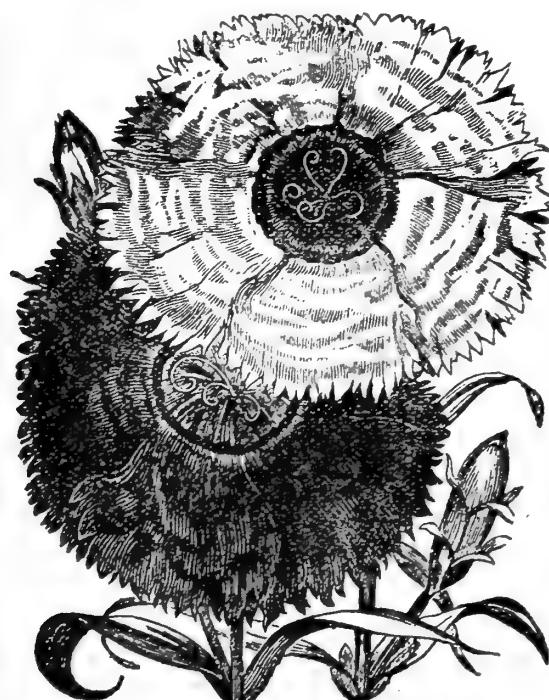


Dianthus Hedewigii, fl. pl., or Double Japan Pink. Pkt 5c.

DOUBLE ANNUAL VARIETIES

280 **Imperialis**, fl. pl. (Double Imperial Pink)—About six inches high, in great variety of shades. Pkt 5c, oz 75c.

281 **Chinensis**, fl. pl. (Double China or Indian Pink)—About 12 inches high, of robust growth, extra double flowers, in great variety. Pkt 5c, oz 50c.



Dianthus Crimson Belle and Eastern Queen. Pkt 10c.

DELPHINIUM (Larkspur)

All Larkspurs, whether of hardy annual or hardy perennial nature, are remarkable for their great beauty, diversity of shades and high decorative qualities. They also differ greatly in their habit of growth, some producing magnificent spikes of flowers, others again being dwarf and completely covered with flowers. Sow the seed early and they bloom freely the first year.

286 **Rocket, Ajacis, fl. pl., Double**—Two feet high, with long spikes of various shaped flowers. Pkt 5c.

287 **Double Hyacinthiflorum**—Hyacinth flowered, 1½ feet high, more compact in growth, flowers as fine as the preceding. Pkt 5c.

288 **Emperor**—Of symmetrical bushy habit, with a profusion of brilliant dark blue, red-striped and tri-colored flowers. Pkt 5c.

289 **Double Stock-flowered**—The flowers, of a fiery carmine, are of great effect, and their principal merit consists in keeping their bright color even in a dry state. Pkt 10c.

270 **Consolida Candelabrum, fl. pl.**—Double branching, of compact, branching pyramidal growth, 1 foot high; flowers in many colors; appearing in abundance in a candelabra-like outline. Pkt 10c.

HARDY PERENNIAL VARIETIES

271—**Cashmerianum**—A beautiful dark blue; blooms in corymbs of six or more; 15 inches. Pkt 10c.

272 **Zalil (Hardy Yellow Larkspur)**—Sulphur yellow, plant of branching habit, bearing spikes of 40 to 50 blossoms, each one inch in diameter, flowering from June until August, 3 to 4 feet. Pkt 10c.

273 **Formosum**—Two feet high; flowers in large spikes of exquisite blue and white. Pkt 5c.

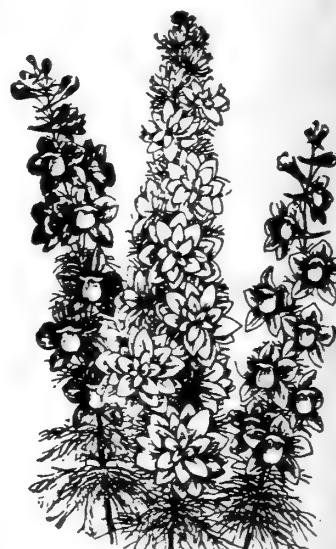
274 **Pillar of Beauty**—(*D. formosum caelestinum*)—An unusually pretty color—a delicate azure of sky blue, so bright and pretty a shade that it has to be seen to be appreciated. Pkt 10c.

275 **Nudicaule**—Of dwarf compact growth, producing flowers varying in color from light scarlet to crimson. Pkt 10c.

276 **Sinense**—Two feet high, flowering in loose clusters, sky blue, white or pink; excellent for bouquets. Pkt 5c.



Perennial Larkspur



Annual Larkspur

DIANTHUS—PINKS

A magnificent genus, combining some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials and Japanese varieties bloom the first season, the same as hardy annuals, height 1 foot. The hardy perennial varieties are very fragrant and of easy culture in the garden or greenhouse.

SINGLE ANNUAL VARIETIES

277 **Crimson Belle**—Very fine, large rich crimson flowers. Pkt 10c.

278 **Eastern Queen**—Beautifully marbled, with broad bands of reddish lake upon petals. Most valuable. Pkt 10c.

279 **Salmon Queen**—Its flowers are of a very distinct and perfectly new tint in this class. They are of the most brilliant salmon color imaginable, changing into a salmony-rose when fading. The flowers are well formed and nicely fringed. The plants attain a height of 10 to 12 inches, like the other varieties of *Dianthus Hedewigii*. Pkt 10c, 3 pkts for 25c.

282 **White Frill or Mourning Cloak**—Double flowers of large size, rich and unique colors; rich purple maroon, almost velvet black, and sharply edged with clear white, making a striking and beautiful contrast. Pkt 10c.

283 **Coronatus, fl. pl.**—Carnation striped, double China Pink. Pkt 10c.

284 **Hedewigii Hybridus, fl. pl.** (Japan Pink)—Robust, growing exceedingly large, distinct showy flowers. Pkt 5c.

285 **Hedewigii Albus Grandiflorus, fl. pl.**—Very large double white flowers. Pkt 10c.

286 **Hedewigii Diadematus, fl. pl.** (Double Diadem Japan Pink)—Extremely double, large flowering, beautiful shades. Pkt 10c.

287 **Lacinatus, fl. pl.**—Very large double fringed flowers. Pkt 10c.

HARDY PERENNIAL VARIETIES

288 **Barbatus (Sweet William)**—One foot high, fine variety of colors, single mixed. Pkt 5c.

289 **Barbatus, fl. pl.—Double Flowering Sweet William**—Brilliant variety, mixed. Pkt 10c.

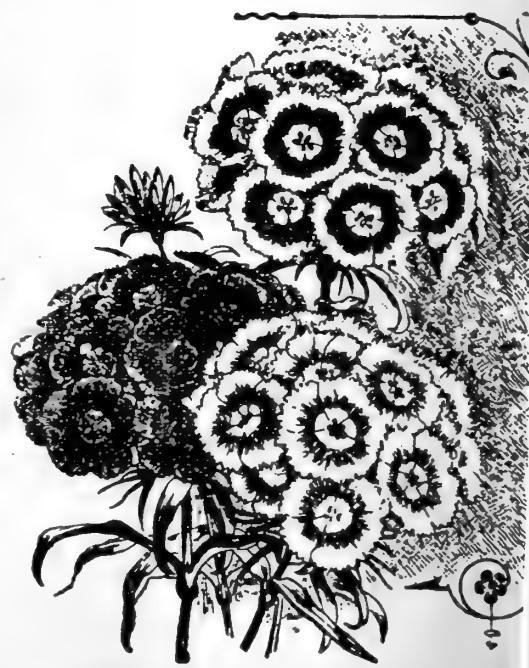
290 **Plumarius, fl. pl.**—Double flowered, pheasant-eyed, pink, exquisitely fragrant. Pkt 10c.

291 **Superbus Nanus**—Double white dwarf, an excellent and profitable variety for florists and for bedding out. Pkt 10c.

292 **Collection**—Ten distinct varieties of *Dianthus*, 75c.

ECHEVERIA

293 **Metallica**—A dwarf, succulent greenhouse perennial, for bedding out during summer, with broad bronze fleshy leaves. Pkt 25c.



Single Sweet William. Pkt 5c.

ELICHRYSUM (Everlasting)		Per pkt.
294 Golden Ball —1 ft. high, bright yellow flowers	.....	10
295 Snowball —White flowers	.....	5
296 Fireball —Scarlet flowers	.....	5
297 Compositum Minimum —Dwarf, mixed, quite distinct	.....	5
298 Monstrosum, fl. pl. —3 ft. high, double, mixed	.....	5

ESCHSCHOLTZIA (California Poppy)

Very showy hardy annual flowering abundantly until very late in autumn, similar to poppies; of dwarf growth; succeeding in any soil. Pkt	.....
299 Californica —Orange	.....	5
300 Rose colored.....	.....	5
301 White.....	.....	5
302 Mandarin —Brilliant scarlet, distinct	.....	10

ECCREMOCARPUS (Calampelis)

303 Scaber —A rapid growing tender annual, with pretty foliage and clusters of handsome scarlet flowers	10
--	-------	----

ERYTHRINA (Coral Plant)

304 Crysta Galli —An ornamental, half-hardy perennial shrub, fine for outdoor summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 ft. high	10
--	-------	----

EUPHORBIA (Snow on the Mountain)

305 Variegata —Half-hardy annual 1½ ft. high, showy, excellent for borders	.....	10
306 Heterophylla —(The gorgeous Annual Poinsettia). "Mexican Fire Plant," or "Fire on the Mountain." Three pkts for 25c	.....	10

EVERLASTINGS, MIXED

307 A single packet will supply a great variety of the most attractive Everlasting Flowers. No more welcome present can be given to a visitor than some of these imperishable flowers. Three pkts for 25c	10
---	-------	----

Everlasting Pea (See Lathyrus). **Evening Primrose** (See Oenothera).

FERNS

308 To raise them from seed is very interesting; full directions are printed on the packages. A choice mixture of hardy kinds	.....	15
Collections of Ferns , 12 varieties, \$1.50.	.....

FEVERFEWS (See Matricaria). **Four O'Clocks** (See Marvel of Peru).

FRAGARIA

309 Indica (Indian Strawberry). A yellow flowering half-hardy perennial, producing pretty scarlet but tasteless fruit in succession almost during the whole year; a desirable plant for hanging baskets	10
--	-------	----

FREESIA

310 Freesia, Refracta Alba —Very easily grown bulbs, which can be readily produced from seed. The flowers are pure white with yellow throat and exquisitely fragrant. Three pkts 25c, or	10
---	-------	----

FORGET-ME-NOT

311 Alpine (<i>Myosotis alpestris</i>)—4 ins. high, delicate sky blue	5
--	-------	---

312 **Victoria**—The flowers are large and of a bright azure blue, with yellow centres. The plants form neat bushes completely covered with flowers; a valuable variety for cut flowers and pot culture

10

313 **Semperflorens**—A charming dwarf Forget-me-not, continuing in bloom from early spring until autumn; blue; 8 inches

10

Compact Blue—9 in. high

10

314 **Dark Blue**—(*azorica*)—Flowers half an inch across; rich turquoise blue, without eye

10

315 **White Flowering**

10

316 **Clear Blue** (*dissimilis*)—One of the best of all the Forget-me-nots.

It is of a remarkably compact habit; profuse bloomer, having the appearance, when in full flower, of a sheet of exquisite blue

10

317 **Palustris**—Beautiful blue flowers, 1 ft.; suitable for swamp ground

5

FUCHSIA

318 (Lady's Ear Drop). A pre-eminently beautiful popular greenhouse or parlor plant. Variegated mixed	25
---	-------	----

GERANIUM

319 Zonale —Scarlet sorts mixed	.....	10
320 Double, Mixed —This seed will produce a large percentage of double flowers of extra fine colors	.....	25

321 **Apple-Scented**—This fragrant variety can only be grown from seed to form fine plants

10

322 **Pelargonium, Mixed**—From fancy and spotted varieties

25

GILIA Hardy annual; very free flowering; suitable for sowing in masses

5

323 **Achillæfolia Rosea**—2 ft. high, rosy flowers

5

324 **Capitata**—2 ft., sky blue

5

325 **Tricolor**—1 ft., white, lilac and purple

5

GAILLARDIA

Truly elegant, half-hardy biennial plants, flowering the first year, or hardy perennials of dwarf habit and flowers of two or three striking colors, in form of Cockades.

326 **Picta Grandiflora**—The largest flowering variety of these popular annuals, very showy, many colors, mixed. Pkt 10c.

327 **Picta Lorenziana**—The ray and disc flowers of this new variety develop into tubular funnel-shaped florets one above another. Pkt 10c.

328 **Gaillardia Hybrida Maxima**—These are the choicest of hardy perennials; flowers are large numerous, excellent for cutting, and of brilliant shades of orange, crimson, scarlet and vermillion, and very often a combination of all these colors in one flower; many colors mixed. Per pkt 10c.

329 **Tagetes Pumila**—Half-hardy annual, 1 ft., feathered foliage and dark yellow flowers. Per pkt 10c.

330 **Gentiana Acaulis**—Short-stemmed hardy perennials, much used for edging; flowers dark blue. (Gladiolus Bulbs are offered on page 68).

331 **Corniculatum**—Ornamental, hardy, robust, perennial foliage plants, bordering.

332 **GLAUCIUM** (Horn Poppy) Handsome favorite hardy everlasting annuals, flowering freely the whole summer.

333 **Bright Purple**—Flowers, 18 in. high

5

334 **White**

5

335 **Variegated**

5

336 **Orange Yellow**

5

GLOXINIA (Hybrida Crassiflora)

Bulbous-rooted plant, producing in great profusion during summer months, large bell-shaped flowers of the richest and most beautiful variety of brilliant colors. The bulbs must be kept warm and dry during the winter; 1 foot.

337 **GRANDIFLORA, with erect flowers**—A mixture of the finest spotted and blotched varieties. Per pkt 25c.

Gloxinia Bulbs, splendid large flowering bulbs, sure to produce first-class bloom. Price per bulb 15c. 4 for 50c, \$1.50 per doz. postpaid.

GREVILLEA (Silk Oak)

338 **Robusta**—Very beautiful and graceful foliage; highly valued as a decorative plant for table and

10

tropical lawn effects; tender perennial, 3 to 5 ft

339 **GODETIA** Ornamental hardy annuals, 2 feet, various shades of lilac and purple.

5

340 **Insignis**—Large flowered, mixed

5

341 **Lady Albemarle**—Crimson, edges of the petals suffused with pale lilac, dwarf

5

342 **Lady Satin Rose**—Unequalled for brilliancy and richness of colors. The flowers are of a brilliant deep rosy pink, the surface shining like satin.

5

343 **GOLDEN FEATHER** (See Pyrethrum).

GRASSES, ORNAMENTAL

344 **Briza Maxima**..... 5 345 **Lagurus Ovatus** (Hare's Tail Grass)..... 5

345 **Bromus Brizaeformis** (Brome Grass)..... 5 346 **Stipa Pennata** (Feather Grass)..... 10

346 **Coix Lachrymae** (Job's Tears)..... 10 347 **Ornamental Grasses** — Mixture..... 10

347 **Gynernium Argenteum** (Pampas Grass)..... 10

For the convenience of those who are not familiar with botanical names we give an index of Common or English names of flowers of which we offer seed in this catalogue. The same will be found in our book "Hints on Growing Flowers."



Gloxinia

tropical lawn effects; tender perennial, 3 to 5 ft



Ornamental Gourds

GOURDS (Ornamental)

348 **Angora**—The foliage is dense and the fruits are spotted white of the most curious shapes and colors. They are very desirable. Pkt 5c.

349 **Flat Corsican**—Fruit in form of flat bottles. Per pkt 5c.

350 **Dipper or Siphon**—A favorite variety. Per pkt 5c.

351 **Herculean Club**—Fruit like large clubs. Per pkt 5c.

352 **Bottle**—Resembling a large bottle. Per pkt 5c.

353 **Orange**—Fruit like an orange. Per pkt 5c.

354 **Pear**—Like a pear in shape. Per pkt 5c.

355 **Striped Flat**—Green striped, very pretty. Per pkt 5c.

356 **Nest Egg**—Resembling an Egg. Per pkt 10c.

357 **Serpent**—Fruit 5 to 6 feet in length, which when ripe becomes a brilliant carmine color. Per pkt 10c.

358 **Mixture** of most of the above. Per pkt 5c.

Customers' Selection of 6 pkts 25c.

Gypsophila Hardy annuals or perennial plants of low growth, producing multitudes of tiny white flowers, extremely neat in bouquets.

359 **Elegans, Mixed**—Annual, 2 feet high. Per pkt 5c.

360 **Paniculata**—White, fine for bouquets, perennial. Per pkt 5c.

Helianthus or Sunflower

very double, rich golden yellow, 5 to 7 inches across. Pkt 5c, oz 20c.

362 **Annuus, fl. pl.**—Tall, large and very double. Pkt 5c, oz 20c.

363 Ever-Blooming Sunflower "Stella"

—This new annual 3 to 4 feet high produces its flowers in the greatest abundance all through the summer till late in the fall. They are 2½ to 3 inches across, borne on long stems, purest golden yellow with a black disc. Per pkt 10c.

364 "Texas Silver Queen" —At home in the South, where it attains a height of 10 feet, branching from the ground to the top, forming pyramid with upwards of 100 flowers on the one plant. Pkt 10c, 3 for 25c.

365 **Cucumerifolius, Miniature Sunflower** —Small flowered, dwarf, single sunflower, rich yellow, an abundant bloomer. Pkt 5c.

366 **Oculatus, fl. pl.**—Very double, tall, yellow, green centre. Pkt 5c.

367 **Globosis Fistulosis**—Flowers from 12 to 15 inches in diameter, globular and extremely double, most effective of all annual Sunflowers. Pkt 5c, ½ lb 10c, lb 25c.

368 **Multiflorus**—Hardy perennial, 5 to 6 feet high. Pkt 5c.

369 **Mammoth Russian**—As the name implies of gigantic dimensions both of flowers and stalk; seeds are used largely for chicken feed. Pkt 5c, ½ lb 10c, lb 25c.

Heliotropium 370 **Lemoine's Giant Hybrids**—The trusses measure from 10 to 15 inches across. Their fragrance is delicious and powerful. The colors are from pure white through all shades of violet and blue to deep indigo. Per pkt 10c, 3 pkts for 25c.

371 **Peruvianum**—Popular indoor or greenhouse plant of low growth and deliciously fragrant purplish-blue or lilac trusses of delicate flowers. Mixed. Pkt 10c.

Helipterus

372 **Sandfordii**—Pretty dwarf everlasting, with bright yellow flowers. h.h.a. Per pkt 10c.

Hibiscus A hardy, free flowering annual, 2 feet high, straw colored flowers, with prominent dark spots at the base, very desirable for mixed bed of flowers.

373 **Africanus**—(Calis-ureus). Pkt 5c.

374 **Syriacus (Double Rose of Sharon)**—White and purple. Pkt 10c.

375 **Crimson Eye**—Flowers of the largest size, pure white, with a large spot of velvety crimson in the centre of each flower; hardy perennial flowers the first year from seed if sown early. Pkt 10c.



Hibiscus, Crimson Eye

Hesperis or Rocket

(Dame's Violet)

376 **Matronalis**—Popular hardy, fragrant flowering perennial, 2 feet high. Mixed colors. Pkt 5c.

HOPS

377 **Hops**—The old standard variety. Pkt 5c.

378 Japanese Variegated

—The leaves are strikingly variegated and marked; the first color is bright deep green distinctly marked and blotched with silvery white tinged with yellow; now and then a leaf will be almost snowy white, and another one, not far away, almost green. Pkt 10c, 3 for 25c.

379 **Humulus Japonicus**—Green-leaved Japanese Hop. Pkt 5c.

Honesty

380 **Lunaria Rediviva**—Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, 2 feet high. Per pkt 10c.

Miniature Sunflower
(*Helianthus Cucumerifolius*)

Humea

381 **Elegans**—Red, 3 feet high. A remarkably handsome plant, invaluable for decorative purposes; in the centre of beds it is most effective; half-hardy biennial. Pkt 10c.

ICE PLANT.

A pretty little trailing plant, the leaves of which are covered with crystalline globules; half-hardy annual.

382 **Mesembryanthemum Crystal-linum**—Ice Plant. Pkt 5c.

383 **Tricolorum**—Dew or wax plant. Small pink flowers. Pkt 5c.

384 **Cordifolium**—Large rosy purple flowers, good for hanging baskets, heart-shaped variegated leaves. Pkt 5c.

IMPOMOEA (See Morning Glory and Cypress Vine).

Impatiens Sultana 385 (Zanzibar Balsam)—Planted in open ground in June, it grows luxuriantly, flowers with the greatest profusion. The flowers are a brilliant rosy scarlet, about 1½ inch in diameter. Pkt 15c.

Ipomopsis (Standing Cypress)—Stems 2 feet high. Remarkably handsome, free flowering, half-hardy biennials for indoors, flowering the second year in different tints of bright orange scarlet.

386 **Elegans**—Mixed. Pkt 5c.

Kalanchoe Carnea 387 This beautiful plant attains a height of about 18 inches and is of good bushy habit. The pink flowers are of wax-like consistency, last a long time in perfection and are deliciously fragrant. Pkt 20c.

Kaulfussia 388 **Ameloides**—A pretty dwarf hardy annual, 1½ inches high, dark purple, daisy-like flowers, desirable for early summer flower beds. Pkt 5c.

Kochia 389 **Scoparia** (Belvidere, or Summer Cypress)—Rapid growing graceful plants for mixed borders. Yellow hardy annuals, 3 feet. Pkt 10c.

Lantana

390 **Hybrida**—Fine mixed. A rapid growing indoor shrub for bedding during summer, 3 feet; flowers in heads of yellow, pink, orange or changeable colors. Pkt 5c.

LARKSPUR (See Delphinium)

Lavatera 391 **Hybrida**—Handsome, free flowering, upright growing hardy annual, of the Mallow tribe, crimson rose flowers. Pkt 5c.

Lavender 392 A hardy plant bearing spikes of blue flowers, which are cut and dried for their fragrance; perennials from 1 to 2 feet. Pkt 5c.

Layia 393 **Elegans**—A pretty and attractive little hardy annual, for cut flowers purposes. The rays of the flower-heads are bright yellow with white tips. Pkt 10c.

LEMON VERBENA (See Aloysia)

Lily of the Valley 394 **Convallaria Majalis**—Lovely little spring blooming plants, bearing pure white, fragrant, bell-shaped flowers. Pkt 10c.



Lantana Hybrida

SIMMERS' SUPERB DOUBLE

Hollyhocks

(*Althaea Rosea*)

One of our grandest summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. Hardy biennials, 5 to 8 feet high. The seed we offer has been saved from our unrivaled collection of choicest improved double varieties.

395 **CHATER'S EXTRA DOUBLE**—Most beautiful and true. Per pkt 15c.

396 **Double White**—Extra strain of perfectly double pure white flowers. Oz \$1.00, pkt 10c.

397 **Double Yellow**—Comprising buff, straw color and orange shades. Per pkt 10c.

398 **Bright Red**—Double. Per pkt 10c.

399 **Bright Pink**—Double. Per pkt 10c.

Hollyhocks—Chater's Prize Collection, 12 distinct colors, 50 cents.

For Hollyhock plants to flower this year, see plant list.

LOBELIA

DWARF OR COMPACT VARIETIES

Little, round, compact plants, fine for edgings, ribbon beds, etc., 4 to 6 inches high.

400 **Prima Donna**—A charming novelty; in habit dwarf and compact, rich, velvety, crimson maroon flowers. Per pkt 10c, 3 for 25c.

MARVEL OF PERU (Four O'clock)

424 (*Mirabilis Jalappa*)—Beautiful half-hardy annuals; may be kept in cellar during winter and replanted every spring; 3 feet high; flowers are fragrant, especially in the evening. In many shades, mixed. Pkt 5c.

MARIGOLD

Popular hardy annual border plants of magnificent effect; varying in height, form and color of flowers, but always being showy, desirable border plants.

425 **Eldorado, Tall (Double African)**—The handsomest of the Marigolds, its color ranging from palest yellow to the deepest orange; flowers large, almost round, and very double. Per pkt 10c.

426 **Dwarf (Double African)**—1 foot high, orange color. Per pkt 5c.

427 **Tall (Double African)**—2 feet high, orange color. Per pkt 5c.

428 **Tall Striped (Double French)**—2 feet high, yellow flowers, with a broad stripe on each petal. Per pkt 5c.

429 **Dwarf (Double French)**—1 foot high, flowers velvety brown, finely edged yellow. Per pkt 5c.

430 **Gold Nugget (Double French)**—Dwarf, dense growth, and immense double flowers, which are of a peculiar shade of golden yellow. Pkt 5c.

431 **LEGION OF HONOR (French)**—One of the prettiest and handsomest of the Marigolds. The plants grow 9 inches high, are insect and drought proof and will bloom from the middle of summer until late in fall. Flowers rich golden yellow marked with velvety brown. Pkt 10c.

TRAILING VARIETIES

Branching plants for hanging over vases and baskets, 6 to 9 inches high.

404 **Gracilis**—Light blue, slender, trailing stems, grown for baskets. Per pkt 5c.

405 **Erinus Grandiflora Stellata, or Paxtoniana**—Large, blue flowers, white eye. Pkt 10c.

406 **Erinus Speciosa**—Large, free flowering, sky blue, white centre. Per pkt 10c.

HARDY PERENNIAL VARIETIES

407 **Fulgens** (Queen Victoria)—Beautiful border plant, with brilliant scarlet flowers and metallic crimson foliage. Per pkt 10c.

408 **Cardinalis**—Scarlet, native of Canada. Per pkt 10c.

LIMNANTHES

409 **Douglassi**—Easily grown, free flowering, slightly fragrant plants, excellent for beds or edgings in damp, shady places; hardy annuals. Per pkt 10c.

LINARIA (Kenilworth Ivy)

Very pretty, hardy annual or perennial, trailing or low growing plants.

410 **Alpina**—Perennial, lilac shaded. Per pkt 10c.

411 **Cymbalaria** (Kentucky Ivy)—Perennial, purple and white. Per pkt 10c.

412 **Hendersonii**—Annual, 1 foot high; lilac and yellow-shaded flowers. Per pkt 5c.

LINUM (Flowering Flax)

Free flowering hardy annual or perennial plants.

413 **Grandiflorum Rubrum**—Crimson. Per pkt 5c.

414 **Perenne**—Perennial blue. Per pkt 5c.

LOPHOSPERMUM

415 **Scandens**—Exceedingly beautiful and highly ornamental genus of climbers, handsome, showy foxglove-like flowers; half-hardy annual or biennial. Rosy purple flowers. Per pkt 10c.

LOVE-IN-A-MIST (Devil-in-the-Bush)

416 **Nigella Damascena**—Popular hardy annuals of low growth, handsome in bouquets. Blue white, mixed. Pkt 5c.

LUPINUS or LUPIN (Sun Dials)

Desirable plants for bedding and bouquets, long graceful flower spikes, richly colored flowers.

417 **Mixed Annual Varieties**—Per pkt 5c.

418 **Mixed Perennial Varieties**—Per pkt 5c.

LYCHNIS

Beautiful hardy, biennial and perennial plants, 3 feet high, remarkable, conspicuous heads of brilliant scarlet-shaded flowers.

419 **Chalcedonica**—Perennial, bright scarlet flowers. Per pkt 5c.

420 **Grandiflora Gigantea**—A variety of the preceding, of dwarf nature, and with many large flowers. Per pkt 10c.

MALVA

421 **Moschata Alba**—(White Musk Scented Mallow)—An attractive garden plant; grown into a pyramidal bush; produces numerous white flowers size of silver quarter. Thrives best in a warm situation. Per pkt 10c.

MALOPE

A favorite hardy annual, 3 feet high, with large conspicuous flowers of the Mallow tribe.

422 **Grandiflora**—White and rose, mixed. Per pkt 10c.

MARTYNIA

Handsome, tropical appearing annuals, for outdoor cultivation during summer, being raised indoors; 2 feet high, large leaves and trumpet-shaped flowers, producing curiously shaped seed pods, like horns.

423 **Formosa**—Mixed. Per pkt 5c.



Marigold, Double Tall African, Eldorado. Pkt 10c.



Marigold (Legion of Honor)

MATHIOLA (Evening Scented Stock)

432 **Bicornis**—A desirable half-hardy annual, 1 foot high, bushy, with rosy lilac flowers of a delicious perfume, especially in the evening. Pkt 5c.

MATRICARIA (Feverfew)

Hardy perennials, flowering the first year, with daisy-like, double white flowers, 1 foot high.

433 **Capensis, fl. pl.**—Known as bridal rose. Pkt 5c.

434 **Eximia Nana Aurea Crispa, fl. pl.**—Dwarf growing with golden yellow leaves exquisite for bordering. Pkt 10c.

MAURANDIA

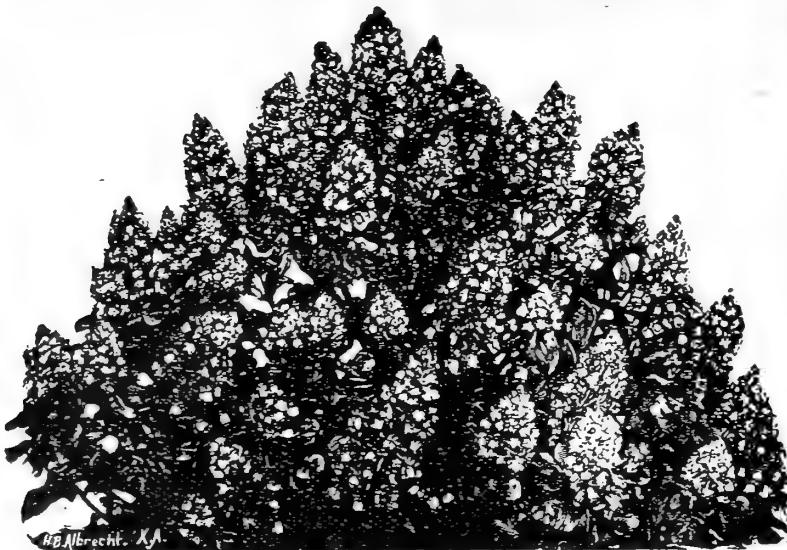
435 **Maurandia, mixed**—The prettiest half-hardy climbing plants in cultivation, for trellises outdoors, or for greenhouse or parlor culture. Pkt 10c.

MELILOTUS (Sweet Clover)

436 **Suaveolens**—Pkt 5c.

MELOTHRIA

437 **Punctata** (African Oak-leaved Climber)—A magnificent, rapid growing, climbing annual. Flowers are succeeded by great numbers of blue-brown berries. Pkt 25c.



Mignonette "Bismarck." Pkt 10c.

MIGNONETTE (Reseda Odorata)

Most popular fragrant flowering hardy annuals, of trailing habit and graceful appearance; indispensable in every garden.

438 **Large Flowered**—Sweet-scented. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 40c, lb \$1.25.

439 **Mile's Spiral**—Of dwarf habit, branching large flowered spikes. Pkt 10c.

440 **Parson's White**—Stamens white, flowers large and fragrant. Pkt 10c.

441 **Golden Queen**—An entirely distinct sort of dense pyramidal habit, with golden yellow flowers, which give it a most attractive appearance. Pkt 5c.

442 **Compact Dwarf**—Of upright, compact, branched growth, almost circular, with reddish tinted, numerous flowers. Pkt 5c.

443 **Gabrielle**—New, red, very sweet, spikes very thick. Pkt 10c.

444 **Bird's Mammoth**—Under proper cultivation the spikes average 12 to 15 inches long, are very full and exceedingly fragrant. Pkt 10c.

FIVE GIANT MIGNONETTES

445 **Bismarck or Improved Matchet**—The flowers are borne on long stems, high above the thick, dark green, somewhat corrugated foliage; the bushes do not exceed one foot in height, the flowers are of a reddish hue and very sweet scented. Pkt 10c, 3 for 25c.

446 **"DEFIANCE"**—When grown under favorable conditions and with proper care, its spikes will not only be of remarkable size— from 12 to 15 inches long, but deliciously fragrant, much more so than any other variety. The individual florets are of immense size and stand out boldly, forming a graceful as well as compact spike. Per pkt 10c, 3 for 25c.

447 **"The Prize"**—This is a very distinct variety the flowers being unusually large as well as remarkable for their beautiful color and delicious fragrance; flowers light red, excellent for bouquets. Pkt 10c.

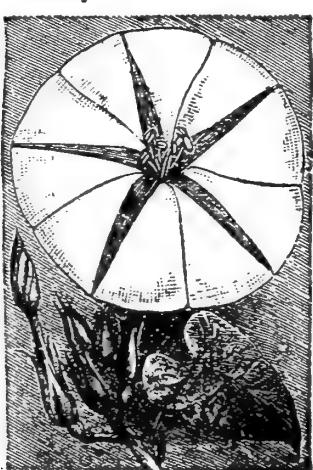
448 **Matchet**—Vigorous dwarf pyramidal plants, very stout flower stocks, with numerous dark green leaves, terminating in long spikes of deliciously scented red flowers. Best for pot culture and valuable for borders. Pkt 10c, oz 80c.

449 **GIANT RED, OR PARISIMARKET**—This wonderful Mignonette grows 12 to 16 inches in height, in pyramidal form; its **enormous flower spikes** are of the largest size, the individual blossoms of an **intense red color** are very sweet scented. One of the best for cut flowers and pot culture. Pkt 10c.

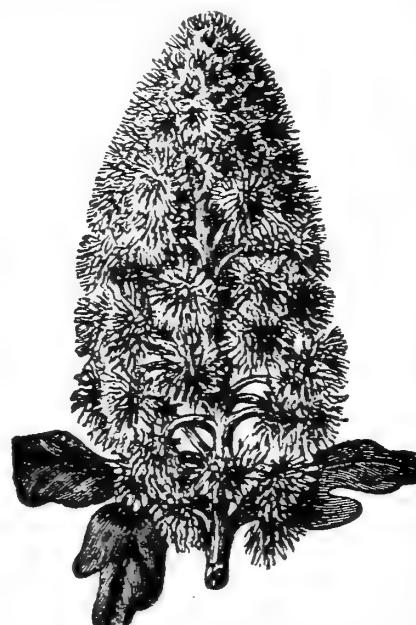
SPECIAL OFFER—One packet of each of the above, five Giant Mignonettes for 85c.

MUSA ENSETE (Abyssinian Banana)

450 A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hotbed or bottom heat in greenhouse. Tender perennial, 10 to 20 feet. Pkt of 5 seeds, 25c.



Moonflower, or Evening Glory. Pkt 10c.



Machet Mignonette. Pkt 10c.

MIMULUS (Monkey Flower)

Extremely handsome, dwarf growing, half-hardy biennials, with delicate large beautifully tinted flowers, requiring shelter from the midday sun to bring them to perfection.

451 **Cupreus**—Spotted, marked dotted and blotched flowers on yellow ground. Pkt 5c.

452 **Simmers' Mammoth**—Magnificent strain; unequalled for beautiful colors. Pkt 25c.

453 **The Emperor**—The flowers are remarkably rich and varied in color. Pkt 25c.

Mimulus Moschatus—See **Musk plant**.

MINA LOBATA

One of the handsomest climbers

454 A charming Mexican climber, which somewhat resembles the Cypress Vine, except in color and shape of flowers, which are tuber-shaped, borne on fork-like racemes and produced in great profusion. *Seed must be sown early.* Pkt 10c.

MOMORDICA (Balsam Apple)

455 **Momordica Balsamina**—A trailing or low climbing, half-hardy annual, the fleshy fruits, infused with sweet oil, being famous for curing wounds. Pkt 5c.

MOONFLOWER

456 **Moonflower** (*Ipomoea Noctiflora*)—Bears in the greatest profusion its lovely white flowers 5 to 6 inches in diameter, with five-pointed star in the centre; flowers open at dusk or earlier on cloudy days; deliciously fragrant. Start early in the house and set out as early as safe in the spring; the vines make very rapid growth, often attaining a height of 25 feet in one season. Pkt 15c.

MUSK PLANT

457 **Musk** (*Mimulus Moschatus*)—This fragrant and universally favorite little plant is well known and is equally at home in sitting-room, green-house or garden; half-hardy perennial. $\frac{1}{2}$ ft. Pkt 5c.

MORNING GLORY (*Ipomoea*)

Magnificent hardy annual climbers, very free flowers, trumpet-shaped rich shades.

458 **Mixed Morning Glories, all colors**—Pkt 5c, oz 20c, $\frac{1}{2}$ lb 60c

459 **Mexican Mixed**—Large flowering. Pkt 5c.

460 **Sky-Blue Mexican**—Splendid large flowering. Pkt 5c.

461 **Variegated Leaved Morning Glory**—With silvery white marbled leaves distinct. Pkt 10c.

462 **Coccinea**—Scarlet, feathered leaves. Pkt 10c.

463 **"HEAVENLY BLUE"**—Foliage very large, heart-shaped; flowers to 6 inches across in large clusters, light blue with a yellow throat suffused softly into blue. Also a splendid conservatory climber. Pkt 10c.

464 **LEARI**—“The Blue Dawn Flower.” Most beautiful, bearing clusters of the most lovely sky-blue flowers imaginable that measure fully 5 inches across. Pkt 10c.

For the newest varieties of Morning Glory see Novelties.

NICOTIANA

(Tobacco Plant)

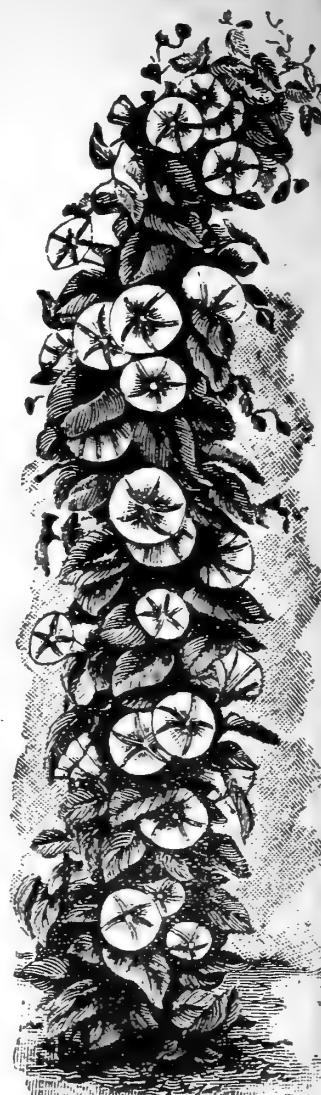
The following are very ornamental half-hardy annuals and very desirable.

465 **Grandiflora Purpurea**—Large massive foliage, dark purple red flowers. Pkt 5c.

466 **Affinis**—(*Sweet-scented Tobacco plant*)—Produces an abundance of large, pure white flowers that expand fully in the morning and evening, emitting a delicious fragrance. Pkt 10c.



Nicotiana Affinis. Pkt 10c.



Morning Glories. Pkt 5c.

Simmers' Superb Nasturtiums

TALL, OR CLIMBING VARIETIES

Elegant and luxuriant climbers for verandas, trellises, etc., bearing the gorgeous flowers in profusion until led by frost. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed is can be gathered while green and tender for pickling. 6 to 10 feet. (See cut.)

467 **Simmers' Special Mixture**—Variegated. Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

468 **Tall, Yellow**—Very fine. Pkt 5c, oz 15c.

469 **Dark Brown**—Tall. Pkt 5c, oz 15c.

470 **Hemisphaericum**—Fine, tall, scarlet. Pkt 5c, oz 15c.

471 **Tall Edward Otto**—Brownish lilac.

472 " **Golden Leaved Scarlet**.

473 " **Heinemanni**—Silky bronze chocolate.

474 " **Moltke**—Bluish pink.

475 " **Pearl**—Creamy white.

476 " **Prince Henry**—Cream color, spotted red.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 20c.

477 **Tall Regelianum**—Purple violet.

478 " **Scheuermannii (straw color)**—Striped yellow and crimson.

479 **Tall Schillingi**—Bright yellow, maroon blotches.

480 **Tall Vesuvius**—Brilliant fiery rose, very effective.



Tall or Climbing Nasturtium



Hybrids of Madame Gunther Nasturtium

LOBBS' CLIMBING NASTURTIUMS

Trapaeolum Lobbianum

The brilliance and profusion in blooming of the Lobbianum varieties render them superior for trellises, arbors and vases, etc., also for greenhouse or conservatory decoration in winter; annuals, 6 to 10 feet.

482 **Asa Gray**—Primrose yellow.

483 **Brilliant**—Dark scarlet.

484 **Chaixianum**—Yellow, spotted red.

485 **Giant of Battles**—Sulphur with dark red blotches.

486 **King of the Blacks** (Roi des noirs)—Black maroon.

487 **Lobbi Mutabile**—Tall, with bright scarlet flowers.

488 **Mercier Lacombe**—Dark purplish crimson.

489 **Napoleon III.**—Golden spotted with brown.

490 **Purpureum Violaceum**—Purple violet flowers.

491 **Spitfire**—Brilliant light scarlet.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 25c.

LOBBIANUM, FINEST MIXED—This mixture is composed of the finest and most distinct varieties in this grand free flowering type. Planted in masses it will produce most gorgeous and showy effects.

Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Tom Thumb, Dwarf or Bedding Varieties

The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat, compact growth, rich colored flowers and free-blooming and long-lasting qualities, together with their adaptability to almost any soil or situation, make them unsurpassed for garden decoration. 1 foot.

492 **Simmers' Special Dwarf Mixture**—Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.25.

493 **Aurora**—Deep Chrome yellow, the lower petals blotched and veined carmine.

494 **Beauty**—Scarlet, splashed canary.

495 **Bronze Color**—Coppery bronze.

496 **Cloth of Gold**—Scarlet flowers and golden yellow foliage.

497 **Crimson Rose-Colored**—Dwarf.

498 **Dwarf Crimson**.

499 **Dwarf Yellow**.

500 **Empress of India**—Very dwarf, dark tinted foliage, flowers brilliant crimson.

501 **King Theodore**—Dwarf, intense dark brown flowers.

502 **King of Tom Thumbs**—Scarlet.

503 **Lady Bird**—Orange, yellow and red spots.

504 **Pearl White**—Cream color, very distinct.

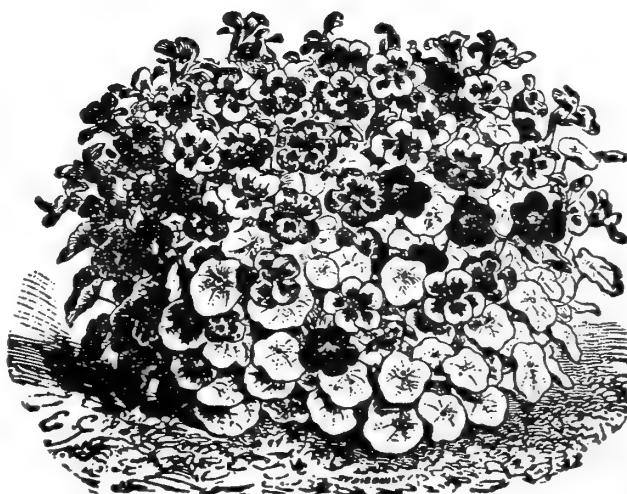
505 **Prinz Heinrich**—Cream color, spotted red.

506 **Regelianum**—Purple violet.

507 **Ruby King**—Crimson rose, distinct foliage.

508 **Spotted King**—Orange spotted crimson.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 25c.



Dwarf Nasturtium

NEMOPHILA (Love's Grove)

Of neat, compact habit, blooming freely all summer. If thinned to 4 in. apart the plants will present a dense mass.

509 **Mixed**—Many rich, bright colors. Pkt 5c.

NIEREMBERGIA

510 **Frutescens**—A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases, or bedding out; 1 ft. White tinted with lilac. Pkt 10c.

Nigella—(See Love-in-a-Mist).

NOLANA

511 Very pretty annual, trailing habit, with Morning Glory like flowers, well adapted to rock work, 6 inches, hardy annual, mixed colors. Pkt 5c.

OXALIS

Delicate half-hardy annual, and perennial, low growing plants with leaves like Shamrock.

512 **Mixed**—9 in. high, rosy flowers, annual. Pkt 10c.

513 **Tropaeoloides** (Corniculata)—Short trailing annual, leaves distinctly marked brown-purple, yellow flowers. Pkt 10c.

514 **Valdiviana**—Perennial, flowering in the first year, bright yellow, sweet-scented. Pkt 10c.

CENOTHERA

515 **Fine Mixed**—("Evening Primroses" or "Sun Drops"). Large showy flowers, various colors, hardy annual. 1 to 2 ft. Pkt 5c.

PERILLA

Ornamental half-hardy annual, deep, dark, purplish red foliage, for border or indoors.

516 **Nankinensis**—Leaves deep mulberry or purplish black, 1 foot high. Pkt 5c.

517 **Variegata**—With leaves finely variegated and veined. Pkt 10c.

PICOTEE PINKS

Well-known plants of great beauty, combining with the most perfect form the richest colors; they have a delicate perfume, and are easily cultivated. 1 foot high, half-hardy perennials.

518 **Mixed**—Best double quality. Pkt 25c.

519 **Pure White**—Pkt 25c.

PLATYCODON

Hardy perennials producing very showy flowers during the whole season. They form large clumps and are excellent for planting among shrubbery.

520 **Mixed**—Blue and white. Pkt 10c.

Palma Christi (See Castor Oil Bean).



Pentstemon Gloxinoides

Pkt 10c.

PENTSTEMON

Very attractive hardy perennial for beds, borders and cut flowers. The flowers are half-pendent, bell-shaped and marked and marbled in beautiful bright shades. They should be planted in a rich, open soil and protected during the winter.

521 **Finest Hybrids**—A splendid mixture. Pkt 10c.

522 **Gloxinooides**—Distinct in point of size of flower individual flowers measuring 2 inches across, variety an brilliancy of color and profusion of bloom. It has been named because of the resemblance of the individual flowers to Gloxinias in their substance, form and variety of coloring. Sown early they come into flower in July and continue a blaze until frost. (See cut). Pkt 10c.

PHYSALIS FRANCHETI

523 **Japanese Giant Winter Cherry**—A remarkably showy annual, of sturdy erect, branching habit, growing about 18 inches high. The branches are well covered with luxuriant green foliage, and studded with large bright red cherry-like fruits, each enclosed in an enormous balloon-like semi-transparent calyx, about 3 inches long 1 7 to 8 inches in circumference, at first of light green color gradually changing, as they mature, to yellow, then orange and finally to crimson. Pkt 10c, 3 for 25c.

POLEMONIUM

Ornamental hardy perennials, with beautiful sky-blue flowers in bunches.

524 **Cæruleum Grandiflorum**—2 ft. high. Pkt 10c.

525 **Pulchellum**—1 ft. high. Pkt 5c.

PASSION FLOWERS

Splendid greenhouse or parlor climbers; some also out-doors with curiously shaped flowers, the appendages of which are supposed to represent the passion of Jesus.

526 **Cærulea Grandiflora**—For greenhouse or parlor, flowers light blue. Pkt 10c.

527 **Macrantha**—For greenhouse or parlor; glossy leaves, large, deep rosy pink flowers. Pkt 20c.

528 **Incarnata** (Southern "May Pops")—Blooms the first season from seed. Flowers 2 or 3 in. across, flesh white with purple rays, followed by yellow edible fruits. Pkt 10c.

PODOLEPIS

Half-hardy everlasting annuals, free flowering, fine for borders.

529 **Chrysanthia**—1 ft., golden yellow. Pkt 5c.

530 **Superba**—Dark red. Pkt 5c.

POLYANTHUS

One of our earliest flowering, popular, hardy perennials, of low growth particularly suited for edging borders; flowers in an astonishing variety of colors, in form of Auriculas.

531 **Goldlaced, Mixed**—The flowers have a clear, even margin lacing of gold on a ground color, similarly well defined; extra choice mix. Pkt 20c.

POLYGONUM

532 **Oriental**—A hardy, graceful, showy annual, 5 feet high; fits shrubberies or the centre of borders; rosy crimson, drooping flowers; light green, heart-shaped foliage. Pkt 5c.



Phlox Drummondii, Large Flowering

Pkt 5c.

552 **Double Scarlet**—With semi-double ar double flowers; the trusses and individual flowers are equal in size to those of the dwarf compact varieties.

COLLECTION—12 colors, annual Phlox. " 6 colors, annual Phlox.

553 **Perennial, Mixed, Decussata**—Fine mixture.

Simmers' Phlox Drummondii**IMPROVED LARGE FLOWERING VARIETIES**

The various varieties of this flower are noted for extreme richness of color, profusion of blossom, and length of duration of bloom. It is one of our finest annuals, and whether in clumps or masses looks equally beautiful. Hardy annual; 1 1/2 feet.

533 **Grandiflora**—This strain of mixed, large flowering Phlox is noteworthy for variety and brilliancy of colors. Finest mixture; 1/2 oz 30c, pkt 5c.

Pkt.

534 **Discoidalis Grandiflora, Mixed**—Larger and more numerous flowers ... 10

535 **Delicata**—Delicate rose, white centre ... 10

536 **Black Warrior**—Dark red nearly black ... 10

537 **Coccinea**—Bright scarlet ... 10

538 **Princess Royal**—Light purple with white streaks, very brilliant ... 10

539 **Isabel**—Nankin Yellow ... 10

540 **Leopoldi**—Bright rose with white eyes ... 10

541 **Washington**—Violet purple, with blackish brown and white throat, beautiful ... 10

542 **Quadricolor**—Purple throat, violet eye, with a white and reddish lilac ring ... 10

Pkt. 543 **Radowitzii**—Rosy red, striped white. 10

544 **Rosea**—Deep rose ... 10

545 **White**—Large flowering ... 10

546 **William I.**—Bright crimson with stripes ... 10

547 **STAR-SHAPED PHLOX**—"Star of Quedlinburg." Flowers of regular star-like form. Plant of compact habit, large umbels of flowers; novel and beautiful; mixed colors ... 10

548 **FRINGED PHLOX "FIMBRIATA"**—A distinct variety; resembles the ordinary Phlox Drummondii; flowers bordered white, which with bright eyed centre, picturesquely contrast with the magnificent velvety colors; more than 25 distinct colors ... 10

DWARF PHLOX

549 **Dwarf Scarlet (Fireball)**—Intense scarlet ... 10

550 **Dwarf White (Snowball)**—Dwarf mixed ... 10

DOUBLE PHLOX

551 **Double White**—A profuse bloomer ... 10



Double Portulaca. Pkt 10c.

PORTULACA

One of the finest hardy annual plants, of easy culture. The flowers are of the richest shades of color, and produce throughout the summer in great profusion; fine for massing in beds, edging or rock work; 6 inches.

554 **Splendens**—Single flowering, brilliant colors.

555 **Double Flowering**—Choice mixture.

Collection of six distinct and brilliant col-

Simmers' Giant Pansies

The term "Giant Pansies" does not adequately describe these new strains, for, aside from the enormous size which gives them their name, their colorings are simply superb, and their form and substance perfect. The parent of most of these strains, the Trimardeau, when first introduced had only size to recommend it, the flowers being limited in coloring, irregular in shape and lacking in firmness. By continued improvement one beautiful color after another has been added to the list, and perfected from season to season by careful culture. Through personal inspection of the best European Pansy Cultures, we have again secured the cream of varieties from all quarters, combining in their giant proportions the most magnificent colorings.

Giant Cassier —A mixture of well-shaped flowers of gigantic dimensions, in choice variety, flowers marked with large blotches	Pkt 10
Giant Auricula Colors —Very beautiful shadings	10
Giant Emperor William —Rich ultramarine blue, purple-velvet eye	10
Giant Adonis —Beautiful light blue, marked with a yellowish-white face and large dark blotches	10
Giant Dark Blue	10
Giant Fire King —Brilliant red and yellow	10
Giant Violet Blue	10
Giant Canary Bird —The ground color is a bright golden yellow, each petal marked with a large dark blotch	10
Giant Striped —A beautiful mixture, flowers striped and mottled in various tints on contrasting grounds	15
Giant Yellow or Golden Queen —Very showy color	10
Giant Purple —Royal purple flowers, very large	10
Giant Coal Black —Of immense size	10

568 Simmers' Giant White "Snow Queen" —Most valuable addition, as it reproduces exactly from seed. We very strongly recommend it, not only for bouquets but as a very valuable addition to the Pansy Family. White, velvet centre	Pkt 10
569 Giant Beaconsfield —Purple shading to white. This strain, combined with the peculiar coloring of the type, will elicit general admiration	10
570 Giant Copper Color —A most distinct and showy combination	10
571 Giant Trimardeau —Flowers large, with a dark blotch on the three lower petals. We recommend this as the best low-priced mixture of Giant Pansies. $\frac{1}{2}$ oz 50c	10
SIMMERS' GIANT PANSY MIXTURE	
572 This mixture embraces, besides all the shades and colors, two special strains not listed elsewhere in this catalogue, and which can only be had in this, our Giant Pansy Mixture. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain, with its delicate veining. We have secured the newest, richest and finest sorts. Pkt 15c, 2 for 25c, $\frac{1}{2}$ oz \$1.25.	

VALUABLE INFORMATION on the Culture of Pansies will be found in our New Booklet "Hints on Growing Flowers," sent free if requested with every 50c. order.

GIANT PARIS MARKET

573 The flowers of this strain are as large as the Trimardeau, and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flower stem, the flowers last longer. Pkt 10c, 3 for 25c.

GIANT BUGNOT

574 The flowers are of enormous size, perfectly round, of great substance, and of the most varied and attractive markings and colors. Each petal bears a blotch veined to the edge; contains shades of red, bronze and reddish brown, not found in any other pansy mixture. Pkt 20c.

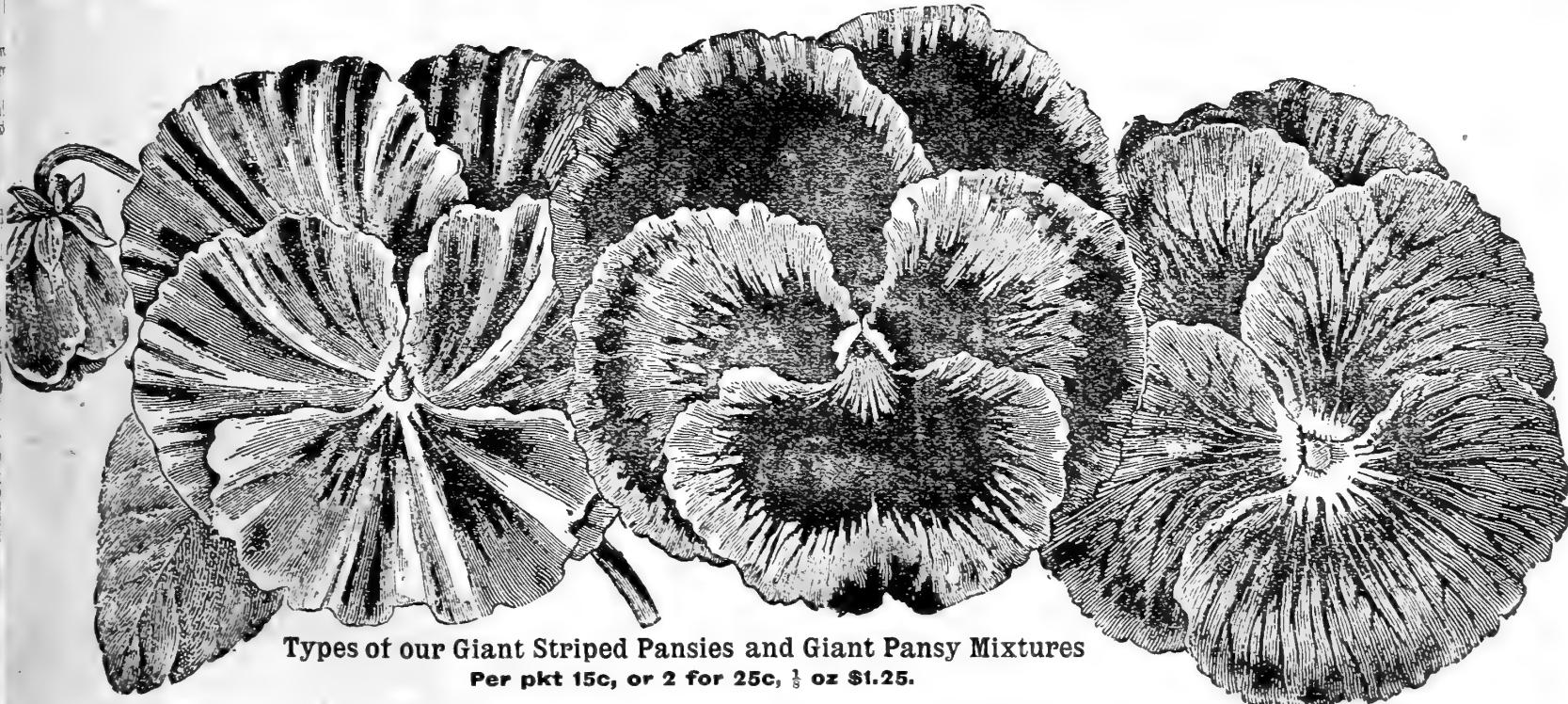
MAMMOTH "BUTTERFLY" PANSIES

A very distinct strain, which, after repeated trials, we have found worthy. The flowers are very large, of good form and substance, and produce freely. In coloring they are varied, seldom two alike in a hundred plants. They are mottled and spotted, streaked, tigereed and splashed, while the colors are mainly those rich wine reds, chocolate, velvety red-brown, lavender, violet, and purple shades, only found in a pansy blossom. We offer a selection made by us this summer from the original introducer's strain.

575 **Mixed Colors**..... Pkt 25c

Simmers' Collection of Giant Pansies

One pkt each of Giant White, Giant Cassier, Giant Bugnot, Giant Yellow, Giant Striped, Giant Violet Blue, and Giant Copper Color, for **60c**



Types of our Giant Striped Pansies and Giant Pansy Mixtures

Per pkt 15c, or 2 for 25c, $\frac{1}{2}$ oz \$1.25.

PREMIUM PANSIES

While the Giant-flowered Pansies are great favorites on account of the immense size of their flowers, **Simmers' Premium Pansies** excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain, most celebrated all over Europe, is from a specialist who has devoted his life to the improvement of these flowers. No better strain of Pansies to be had. It is impossible to describe them, as they embrace all colors and markings.

6 Simmers' Extra Improved Large-flowering Premium Mixture —Embracing all varieties named in the following list and many other shades and colors, $\frac{1}{2}$ oz 75c.	Pkt 10
7 Gold Margined	10
8 Velvety Crimson Purple	10
9 Bronze Colored	10
10 White Margined —Purplish-crimson	10
11 Quadricolor or Pheasant's Eye —Flowers are of a reddish steel blue, with red and white edge	10
582 Dark Maroon —Golden margined	10
583 Velvety Crimson —Golden yellow ground and margin	10
584 Reddish Brown	10
585 Pure Yellow —Fine for bedding	10
586 Cardinal Red	10
587 Odier (Five Blotched Flowering)—A magnificent French variety, petals having a large blotch, clearly defined margin; colors in many different variations, extra large	10
588 Peacock —A very free blooming and attractive Pansy, flowering early, remaining in perfection a long time. Flowers very large with brilliant and novel coloring. The upper petals are royal purple, lower petals also of these colors; this color has never been seen before in pansies. The two lateral petals are rich maroon, all being encircled with a delicate tint of terra cotta rose	10

SIMMERS' PREMIUM PANSIES

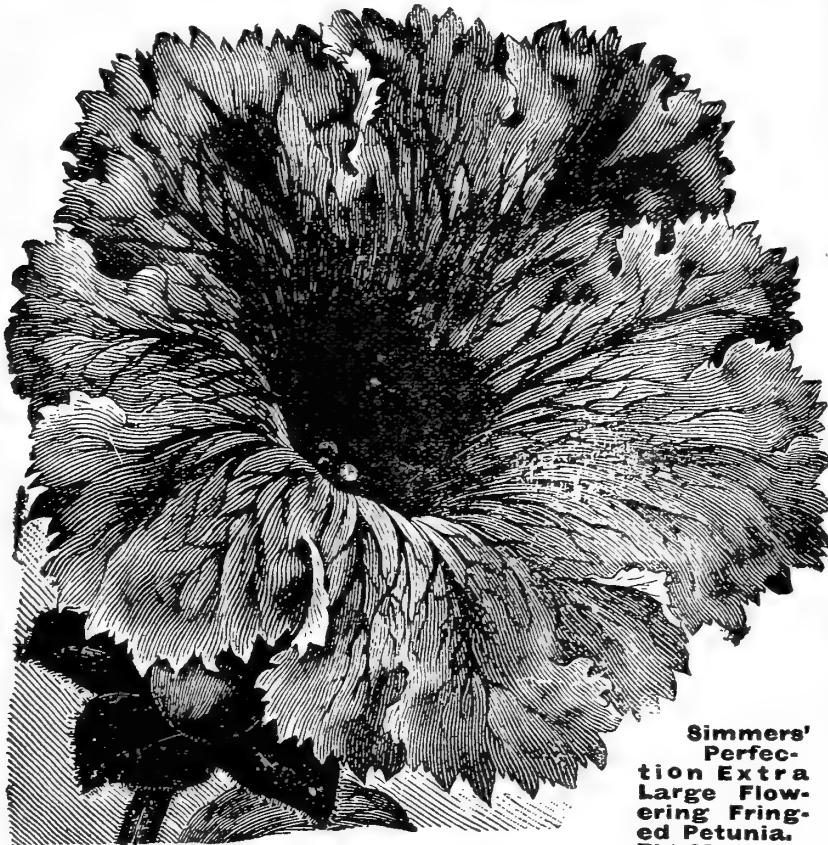
Collection of 12 separate beautiful sorts 90c.

Collection of 6 separate beautiful sorts 50c. Any three 25c.

...PETUNIAS...

Our strains of Double and Single Petunias are the best obtainable.

Of late years the single striped, mottled and double varieties have been greatly improved. The strains we offer we can safely say, without contradiction, are the best that can be produced either in America or in Europe.



Simmers' Perfection Extra Large Flowering Fringed Petunia.
Pkt 25c.

589 Simmers' Perfection, Extra Large Flowering Mixed—This strain bears grand, substantial flowers of the largest size, and the colors are indescribably rich and varied. They embrace all colors, from pure white to the darkest blue and deep red, while even flowers with a yellow tint are not unusual. Most of the flowers are beautifully fringed, while all are distinctly veined. In nearly every flower the throat is darker than the balance of the petals, imparting an appearance of great depth and substance. The foliage is remarkably heavy, and the large leaves are of a dark green color. Pkt 25c.

590 Large Flowering Fringed Mixed—Of fine bushy habit and blossoms of varied colors, striped, mottled, blotched and self colors. Pkt 15c

591 Extra Mottled Strain—Large flowering, mottled and striped. Pkt 10c, $\frac{1}{2}$ oz 80c.

592 Emperor—Very large, wide open blossoms, with colorings and markings very distinct from any other strain. The solid colors are particularly rich and velvety. Some of the crimson blossoms have pink stars, some pure white stars; others are distinctly striped. Pkt 15c, 2 pkts 25c.

593 Inimitable—Red, margined and blotched white. Pkt 15c.

594 White Large Flowering—Extra choice, large flowering, white, useful for cemetery work. Pkt 10c.



Simmers' Double Large Flowering Fringed Petunia. Pkt 50c.

delicate colorings, of purer tones and greater variety than ever before offered. It is well-known that the double petunia, grown from seed, produces but a small percentage of double flowers. The balance in single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers. Pkt 50c.

598 Double "Snowball"—New double white. Pkt 50c.

599 Double Mixed—Seed from double flowers grown in pots. Pkt 25c.



Dwarf Compact Petunia "Snowball." Pkt 10c.

POPPIES

Most popular hardy annuals and perennials, with flowers of unusual brilliancy of color.

SINGLE ANNUAL VARIETIES

600 Tulip—A magnificent species; the plants grow about 14 inches and produce from 50 to 60 large and splendid flowers of the most dazzling scarlet. Pkt 10c.

601 Persian (Papaver Lævigatum)—Color brilliant scarlet, with shiny black spots surrounded by a clearly defined white margin at the base of petal. Height 2½ feet. Pkt 10c, 3 for 25c.

602 Peacock—The most striking feature of the flower is the conspicuous glossy zone which marks the petals, forming a complete ring. Pkt 10c.

603 "Danebrog" or Maltese Cross—The flowers are of a dazzling scarlet color, each of the four petals is marked with a large, silvery-white blotch, forming a white cross upon scarlet ground. Pkt 10c.

604 Shirley Poppies—These charming poppies are generally single or semi-double. They range in color from pure white through the most delicate shades of pale pink, rose and carmine to the deepest crimson. Pkt 10c.

DOUBLE ANNUAL VARIETIES

605 The Mikado (American Flag)—The petals are whole at the back while the edges are frilled in the most pleasing manner. The flowers are a pure white at the back, while the fringed edges are of a brilliant scarlet. Pkt 10c.

606 Double French or Carnation Flowered—3 feet high, double. Pkt 5c, oz 25c.

607 Peony Flowered—Flowers in colors and size equal to Peonies. Pkt 5c, oz 25c.

608 White Swan or Fairy Blush—18 inches high, enormous, pure white double flowers. Pkt 10c, 3 pkts 25c.

609 Golden Gate—Exceedingly free blooming; the flowers single, semi-double and double, of medium size in the largest variety of colors imaginable. Pkt 10c, 3 for 25c.

610 SIMMERS' "SPECIAL" POPPY MIXTURE—Comprises no all the above named and described poppies, but also a number of others specially purchased for this mixture, including some entirely new. Will make a grand display. Pkt 10c, 3 for 25c, $\frac{1}{2}$ oz 40c.

HARDY PERENNIAL VARIETIES

611 The Great White California Poppy (Romneya Coulteri)—fine perennial is of stately beauty as an out-door plant, flowering from April until November. Flowers are large, 4 to 5 inches across, pure white, fine bunch of yellow stamens. The plants attain a height of 6 to 8 feet and are really magnificent. Pkt 10c.

Iceland (Papaver nudiculæ)—These beautiful perennial poppies produce flowers in great abundance the first year from seed. The flowers range from the purest white and yellow to the deepest glowing orange-red, and have a delicious fragrance.

612 Iceland—White. Pkt 10c.

613 Iceland—Yellow. Pkt 10c.

614 Iceland—Orange. Pkt 10c.

615 Mixed. Pkt 10c.

616 Papaver Orientale (Oriental Poppy)—The prevailing color is brilliant scarlet, the flowers being the longest of any poppy we know. They are hardy perennials and increase in size and profusion of bloom with age. Pkt 10c.

617 Croceum—Yellow flowers. Pkt 5c.

COLLECTION—12 varieties, double and single, 80c.



Chinese Primrose. Pkt 25c.

CHINESE PRIMROSE

For parlor culture as well as for the greenhouse no plant is more acceptable in this class, as it can be made to yield an abundance of flowers all round. We procure every year the choicest varieties from one of the st and most celebrated growers in Europe.

CHINESE PRIMROSE MIXED—The culture of these lovely flowers is much easier than most people think. Our mixture includes only the choicest colors of the single flowering Primulas in all their dainty forms. Pkt 25c.

Erecta Superba—White fringed, in bunches borne well above the foliage. Per pkt 25c.

Kermesina Splendens—Deep pink, fringed. Per pkt 25c.

Snow Queen—A distinct and beautiful variety of Primrose with most pure white flowers of large size, thrown well above the foliage. Flowers are of good substance and elegant form. Pkt 50c.

Carter's Holborn Blue—A distinct variety, with azure-blue flowers borne above the foliage. Per pkt 25c.

Fern-Leaved (Macrophylla Fimbriata)—With long, massive fern-like foliage and beautiful flowers of great substance and elegant form, fringed, great variety of colors, mixed. Per pkt 25c.

Punctata Elegantissima—Crimson, spotted white. Per pkt 25c.

WILLIAMS' PRIZE—Dark red, large fringed flowering; extra fine. Pkt 25c.

Chiswick Perfection Red or Magenta Queen—Large brilliant red. Pkt 25c.

Alba Magnifica—The finest pure white variety grown; flowers bes across with large yellow eye. Per pkt 25c.

Erecta Superba, double white—Double flowering variety of the preceding. Per pkt 50c.

Double Mixed. Per pkt 50c.

HARDY PRIMROSES

he popular garden Primrose is one of our earliest flowering hardy perennials, well suited for edging, and in a great variety of colors.

Vulgaris—The old-fashioned common yellow primrose. Per pkt 10c.

Japonica (Japanese Primrose)—Of robust growth, rich magenta flowers. Per pkt 10c.

Cortusoides (Siberian Primrose)—An early rose-purple flowering perennial. Per pkt 10c.



Primula Forbesii

VARIOUS PRIMULAS

Obconica Grandiflora, new large flowering *Ever-blooming Primrose*—One of the most useful plants grown, if sown early in spring will begin to bloom in May or June, and continue throughout the year, flowers soft lilac shade. Per pkt 10c.

Floribunda—One of the prettiest and best Primroses, same general character as *P. Obconica*, only a lovely shade of primrose yellow. Fragrant, free blooming. Per pkt 10c.

Primula Forbesii or Baby Primrose—The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then until late in spring they produce their sprays of beautiful rosy-lilac flowers in seemingly never-ending profusion. Per pkt 10c.



Primula Obconica Grandiflora

PYRETHRUM (Feverfew) YELLOW FOLIAGE SORTS FOR BEDDING



Pyrethrum or Golden Feather. Pkt 10c.

PYRETHRUM PERENNIAL SORTS

Hybridum—Large flowering single mixed. Hardy perennial, bearing large Aster-shaped flowers, ranging in color from light pink to deep red, with bright yellow centres; 2 feet. Per pkt 10c.

Hybridum, fl. pl.—Large flowering double mixed. Beautiful colors; mixed; 1½ feet. Per pkt 25c.

ROSES

Dwarf Polyantha or Fairy Rose—Roses from seed the first year, so that seed sown in February in the house may be had in bloom in June in the open ground, where they *continue to bloom throughout the season*. The plants are dwarf and bushy, growing only about 1 foot high and very pretty for solid beds and borders. Pkt 10c, 3 for 25c.

Mixed Hybrids—The seed we offer is from the best mixture of hybrid perpetual and moss roses, will flower the second year. Pkt 10c.

RHODANTHE

One of the neatest of the genus of flowering half hardy annual everlasting; of low growth, in different shades of bright pink and white, with yellow disc.

Maculata—1 foot, deep carmine. Pkt 10c.

Alba—Pure white. Pkt 10c.

Atrosanguinea—Dwarf, purplish crimson. Pkt 10c.

RUDBECKIA

(Texas Cone Flower)

Bicolor Superba—A hardy annual of compact branching growth, producing flowers about 3 inches in diameter, of a bright yellow, red and blackish purple disc; height of plant about 1½ feet. Pkt 10c.



Dwarf Polyantha or Fairy Rose

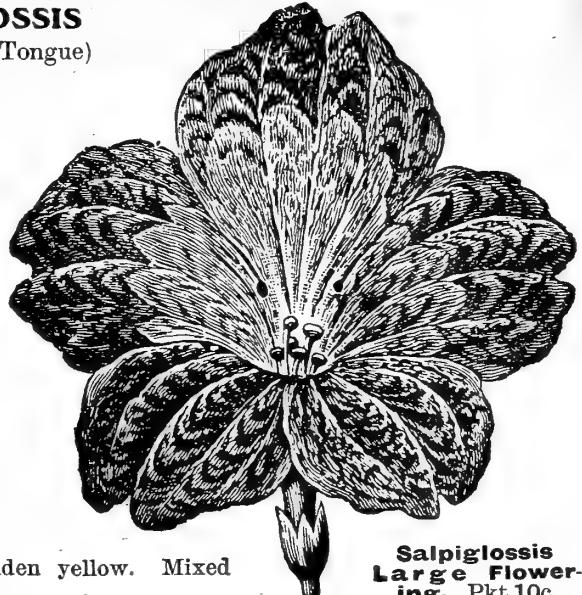
SALPIGLOSSIS

(Painted Tube Tongue)

One of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors, and exquisitely veined and laced; 1½ feet high.

647 **Mixed**—Large flowering. Pkt 10c.

648 **Emperor**—A new type of this gloriously beautiful garden annual, growing in upright columnar form, having only one strong main stem, about 30 inches high, which is well furnished with large petunia-shaped flowers, 3 to 4 inches across, of various colors, all of which are intricately netted and veined with golden yellow. Mixed colors. Pkt 10c.



Salpiglossis Large Flowering. Pkt 10c.

SEDUM (Stone Crop)

649 **Mixed**—Pretty little plants, growing freely on rock or rustic work, also on ornamental mounds, where they flower in great profusion; hardy annuals. Pkt 10c.



Salpiglossis Mixed. Pkt 10c.

650 **Farinacea**—3 feet, showing long spikes of blue flowers; annual. Pkt 10c.

651 **Patens**—2 feet high, biennial, in flowers of purest sky-blue imaginable. Pkt 10c.

652 **Coccinea**—1 foot high, scarlet flowers, annual. Pkt 10c.

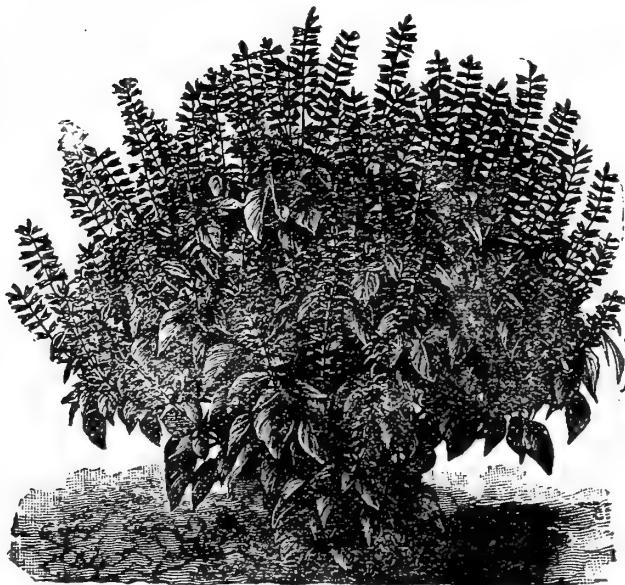
653 **Dwarf Salvia or "Burning Bush"**—A splendid sort, blooming about 2 months before the old variety and lasting until late in the fall. The plants are dwarfer and more compact in habit, while the flowers are of the brightest scarlet. Pkt 10c.

654 **Argentea**—2 feet high, silver leaves, blue flowers, beautiful perennial. Pkt 10c.

SAPONARIA (Bouncing Bet)

Hardy, free-flowering annual or perennial plants of easy culture and different growth, the most of them being of trailing habits and suitable for edging work or small beds.

655 **Mixed**—All colors, 6 inches. Pkt 10c.



Salvia, Clara Bedman (Bonfire). Pkt 10c.

SANVITALIA

656 **Procumbens, fl. pl.**—Beautiful trailing annual, well adapted from its compact growth for covering beds in the flower garden; the double flowers are large in proportion to the plant; of rich brown and yellow. Pkt 10c.

SAXIFRAGA

657 **Huetti**—Hardy perennial of trailing habit, with yellow flowers; for shady places, rockeries or hanging baskets, flowering abundantly and constantly. Pkt 10c.

SCABIOSA

(Mourning Bride or Sweet Scabious.)

The Mourning Bride or "Sweet Scabious" of our old gardens, but much improved in size, colors and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc. Excellent for bouquets.

658 **Tall Double Large Flowered Mixed**—All colors mixed. Pkt 10c.

659 **Dwarf Mixed**—All colors, 1 foot high; large flowers and robust growth. Pkt 10c.

660 **Snowball**—The flowers of this pretty Scabiosa are large, measuring 2 inches in diameter, of purest snow-white, very double. The stems very stiff and strong, and the foliage a luxuriant green. If plants are pruned in the fall, they will furnish pure white flowers until Christmas. Pkt 3 for 25c.



Sanvitalia Procumbens fl. pl. Pkt 10c.

661 **Golden Yellow**—This color long been desired in the Scabiosa fan and is now obtained after years of selection. The flowers are double and pure yellow color. Pkt 10c.

662 **Caucasica**—One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac blue, 3 Pkt 10c.

663 **SCARLET RUNNERS**—Pkt 10c.

SCHIZANTHUS

(Butterfly Flower)

Few plants are more attractive than these when well grown, whether in the border or in the border; they are of a branching habit, well covered with peculiar shaped flowers; hardy annuals.

664 **Fine Mixed**—2 feet high, flowers orange and carmine shaded, sp. with yellow, resembling a small butterfly. Pkt 10c.

SEA LAVENDER

(Everlasting Statice)

665 **Statice Bonduelli**—1 foot bright yellow. Pkt 10c.

666 **Alba**—White variety of the preceding. Pkt 10c.

667 **Incana**—Hardy perennial, sky-blue flowers. Pkt 10c.

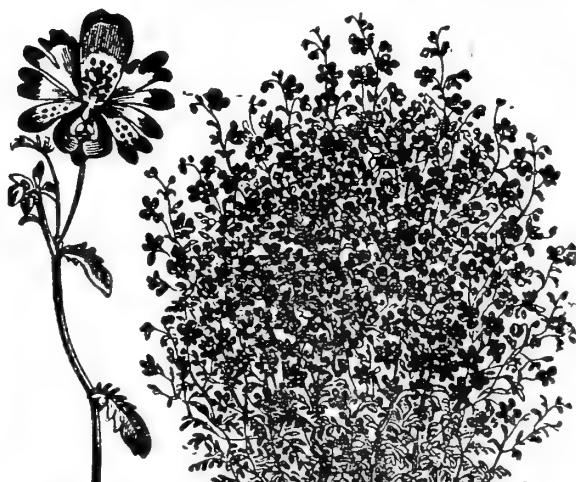
SENECIO (Jacobaea)

668 **Elegans**—Double mixed. Valuable hardy annuals, compact, in growth, 1 foot high; adapted for bedding or indoor culture producing multitudes of tassel-shaped small flowers. Pkt 5c.

SENSITIVE PLANT (Touch Me Not)

A tender annual, half trailing, 1 foot high, with very curious leaves very curious and interesting plants, the leaves closing if touched or stirred. Of very easy culture, succeeding in any soil.

669 **Mimosa Pudica**—Pkt 5c.



Schizanthus. Pkt 10c.

SILENE

Elegant dwarf, bushy annuals, bearing a profusion of bright, attractive flowers through spring and summer. Admirable for beds, margins, rock gardens.

670 **Pendula Ruberrima**—mine rose flowers. Pkt 5c.

671 **Ruberrima, fl. pl.**—1 foot flowering variety of the preceding. Pkt 10c.

SMILAX

A splendid perennial; green or parlor climber.

672 **Medeola Asparagoides**—Pkt 10c, oz 50c.

673 **SNAPDRAGON** (See Antirrhinum)

SOLANUM

Very elegant, highly ornamental genus of fruit-bearing plants.

674 **Marginatum**—3 feet leaves white-edged and veined. Pkt 15c.

675 **Capsicum, Little Gem or Salem Cherry**—2 feet high, scarlet berries, beautiful for parlor. Pkt 10c.

STEVIA

676 **Serrata White**—For pot culture in the border; half-hardy perennial. Pkt 10c.

677 **SWEET WILLIAM** (See Dianthus)

SIMMERS'
Giant Flowering

SWEET PEAS

An ounce of Sweet Peas contains about 300 seeds, enough to sow a single row 25 feet long. Our packets of all (excepting the Novelties) are liberal, containing 75 seeds, enough to sow a single row 6 feet long.

**"Earliest of All"**

OUR MIXTURES

SIMMERS' GIANT "GILT EDGE" MIX. This mixture of Sweet Peas, as improved is **undoubtedly the finest we have ever created.** It contains only grand new named varieties of the large flowering type, the seed of which has been grown separately from selected and only the **largest-flowered, most beautiful Sweet Peas** have been selected and mixed together. We have maintained a similar high standard throughout, and can assure all lovers of Sweet Peas that never before has it been possible to obtain **only the best and all the new large flowering Sweet Peas as unequalled mixture.** Per pkt 10c, oz 25c, $\frac{1}{4}$ lb 35c, per lb \$1.00.

ECKFORD'S MIXTURE. This mixture is composed of thirty varieties. By mail postpaid, oz 10c, $\frac{1}{4}$ lb 15c, 1 lb 50c. Price by express, 25, 10 lbs \$4.00.

FINEST MIXED. This strain contains a full assortment. Per pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, 1 lb 30c.

All Colors, Mixed. Pkt 5c, $\frac{1}{4}$ lb, 10c, 1b 30c.

White and Primrose Shades. Mixed.

Shades of Blue and Mauve. Mixed.

Striped, Flaked and Clouded. Mixed.

Scarlet, Magenta, Claret, Maroon.

Rose and Pink Shades. Mixed. The above—Pkt 5c, oz 10c, $\frac{1}{4}$ lb 20c, 1b 60c.

Alice Eckford. Rich cream-tinted, cerise reds, white wings.

America. Cardinal stripe on white ground.

Black Knight. A deep maroon self, clear wings.

BLANCHE BURPEE. Pure white.

California. Most delicate pink.

Captain of the Blues. Dark blue, netted purple.

Captain Clark. White and lavender red carmine.

Captivation. Rosy-purple self.

Chancellor. Standards bright orange, bright orange pink.

Colonist. Soft lilac, overlaid with bright blue.

Columbia. Crimson rose and pale bluish-white ground.

Coronet. White striped orange-rose.

690 Coquette. Primrose, shaded lavender.

700 Countess of Powis. Standard bright rose orange, wings clear rose.

701 Countess of Shrewsbury. Rose standard, white wings.

702 Countess of Radnor. Delicate lavender and mauve, lovely variety.

703 Countess of Aberdeen. White, margined with pale pink.

704 Countess Cadogan. Standards shining violet, overlaid with a light sky-blue, wing a pure sky-blue.

705 Crown Jewel. Pale standard, tinted and veined with violet-rose.

706 Daybreak. Watered crimson, scarlet on white ground.

707 Duchess of Sutherland. Pearl white, delicately suffused with light pink.

708 Duke of Sutherland. Deep claret standard, the wings deep indigo-blue.

709 Duke of Westminster. Deep rose-maroon, with bright violet.

710 Earliest of All. Pink and White.

711 Emily Henderson. Purest white.

712—Emily Lynch. Pink, suffused primrose.

713 Extra Early Blanche Ferry. Pink and white.

714 Firefly. Intensely brilliant scarlet.

715 Golden Gleam. Cream of the yellows.

716 Hon. F. Bouverie. Coral-pink, wings slightly lighter.

717 Juanita, or Striped Celestial. Pure white, delicately lined with pale lavender.

718 Lady Grisel Hamilton. Pale lavender.

719 Lady Nina Balfour. Mauve, suffused with heliotrope pink.

720 Lady Mary Curry. Deep orange-pink, delicately shaded rosy-lilac.

721 Lady Poncance. Standards orange-pink, wings deep pure pink.

722 Lady Skelmersdale. Rosy lilac; wings white, shaded rosy lilac.

723 Lottie Eckford. Lavender shaded pink and white.

724 Lottie Hutchins. Daintily flaked with pink on a cream ground.

725 Lovely. Soft shell pink.

726 Maid of Honor, or Improved Buttercup. White ground, edged light blue.

727 Mars. Intense crimson-scarlet, very large.

728 Modesty. Most delicate pink.

729 Mrs. Dugdale. Lovely rose, shaded rich primrose.

730 Mrs. Jos. Chamberlain. Rose, pink and white striped.

731 Mrs. Sankey (black seeded). Large, bold flower, pure white, faintly flushed.

732 Navy Blue. A true blue, a new color.

733 New Countess, or Improved Countess of Radnor. Pure light lavender.

734 Oddity. Pale carmine edged with rose.

735 Oriental. Of a rich orange cast.

736 Othello. Dark brown, chocolate red.

737 Prima Donna. Lovely shade of soft pink.

738 Princess Beatrice. Warm blush pink.

739 Prince Edward of York. Cherry Rose.

740 Prince of Wales. Bright rose.

741 Princess of Wales. Standards striped white and blue, wings heliotrope and white.

742 Queen Victoria. Cream, suffused purple.

743 Ramona. Creamy white, splashed pink.

744 Red Riding Hood. Rosy pink, shading to blush white.

745 Royal Rose. Deep rosy pink.

746 Sadie Burpee. The new white, extra large flowers.

747 Salopian. Best of the deep crimson.

748 Sensation. Paper white with a flesh tinge.

749 Shahzada. Purplish maroon, wings indigo.

750 Stanley. Rich dark maroon.

751 Stella Morse. Yellow, becoming a little lighter as the flower grows older.

752 Triumph. Standards bright pink, lightly suffused with scarlet orange; wings pale rose.

753 Waverley. Rosy claret and light blue.

Price of Named Varieties, except where noted. Pkt 5c, oz 10c, 1-4 lb 25c.

Customers' selection of any seven 5c packages for 25c. Any twelve packages for 40c.

DOUBLE SWEET PEAS

At best these are really semi-double flowers. The best mixtures we have will not produce more than half doubles, the others remaining of the usual single type.

754 Mixed. A mixture of 11 named varieties. Pkt 5c, oz 10c.

**Cupid Sweet Pea**

DWARF OR CUPID SWEET PEAS

755 White Cupid. Dwarf white.

756 Pink Cupid. Pink and white.

757 Beauty Cupid. Decided rose color.

758 Alice Eckford Cupid. Rich cream tinted standards, white wings.

759 Primrose Cupid. Creamy.

760 Boreatton Cupid. Rich purple.

761 Countess of Radnor Cupid. Delicate lavender.

762 Firefly Cupid. Scarlet.

763 Mixed Cupido.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 15c.

BUSH SWEET PEAS

The Bush Sweet Pea grows in perfect bush form, as shown in the illustration. It requires no trellis like the tall Sweet Peas. An average bush grows 16 to 18 in. high by from 12 to 14 in. wide.

766 Bush Gray Friar. Pkt 5c, oz 15c, 2 oz 25c.

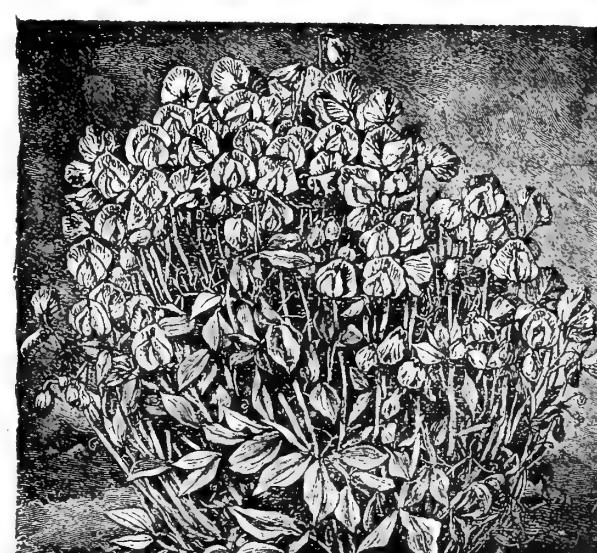
767 Bush Monarch. Pkt 5c, oz 15c, 2 oz 25c.

PERENNIAL VARIETIES

Showy free-flowering plants for covering old stumps, fences, etc.; 5 feet.

764 Lathyrus Latifolius. The old favorite red variety. Per pkt 10c.

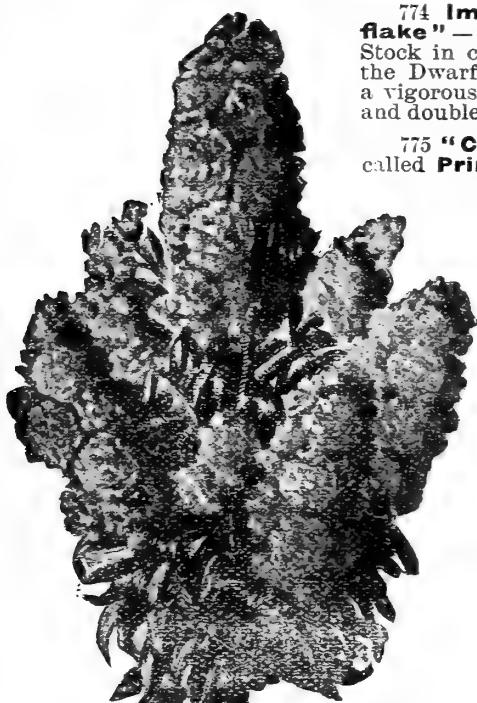
765 Latifolius Albus. Large clusters pure white; grand, hardy low climber. Per pkt 10c.

**Bush Sweet Pea "Gray Friar"**

STOCKS GILLY FLOWER

These old-fashioned flowers are much liked for their peculiarly pleasant perfume and bright colors. For early flowering, sow in the house in February or March, and plant in the open ground in May, when danger of frost is over. Nine to eighteen inches high, half hardy annual.

768	Large Double German Ten Weeks	Pyramidal globe. Mixed	10
769	" Crimson		10
770	" Light Blue		10
771	" Purple		10
772	" Pure White		10
773	" Bright Pink		10



German Ten Weeks Pyramidal Globe Stocks

779 **Shrubby, or Cockade Double**—Winter flowering, bright red. Pkt 10c.

780 **Giant Emperor, or Perpetual**—These make very bushy and branching plants, with an abundance of flower. Sow in July or August, and they will bloom in winter. Many colors in the finest mixture. Pkt 10c.

781 **Giant Emperor White**—For florist's use, very fine. Pkt 10c.

782 **Brompton**—Half-hardy biennial bushy plants, producing a beautiful display of double flowers, mixed colors, 2 ft. high. Pkt 10c.

COLLECTION OF STOCKS

Pkt

Large, Pyramidal Double Ten Weeks	12 colors.....	50
Large Flowered Pyramidal Double	6 distinct colors.....	30
East Lothian, Double, Large Flowered	6 distinct colors.....	30
Giant Emperor, Double	Winter flowering, six very fine colors.	40

Swainsonia Grandiflora Alba 783 A very popular plant for house culture. Foliage as graceful as an Acacia; flowers pure white, produced in sprays of 12 to 20 flowers each, and resembling Sweet Peas. It is of the easiest culture and ever-blooming. It climbs readily and is splendid for the window garden, or it may be grown as a bush plant by trimming it back as it grows; tender perennial, 1 to 4 feet. Pkt 10c.

Thunbergia Alata—A half-hardy, low climbing annual, flowers somewhat of the shape of Morning Glory, bright yellow or deep buff, with a large black centre. Mixed, all colors. Pkt 10c.

Tagetes Signata Pumila 785 Charming dwarf garden annual, flowering in greatest profusion throughout summer and autumn; color bright yellow; very effective in low beds, 1 foot. Pkt 5c.

Tunica Saxifraga—Very neat dwarf trailing, hardy perennial, covered with pretty white flowers, good for edging or rockeries. Pkt 5c.

Torenia For hanging baskets or culture in pots it is unsurpassed, and in summer its brilliancy adds a pleasing variety to outdoor decorations, tender annual.

787 **Fournieri, or Edentula**—Sky-blue flowers, indigo blue spots, yellow throat, free bloomer. Pkt 20c.

788 **Bailloni**—Golden yellow with dark throat, distinct and beautiful. Pkt 10c.

789 **"White Wings"**—Attractive, pure white, flushed rose at throat. Pkt 25c.

Venus' Looking Glass 790 **Campanula Speculum**—A free flowering, pretty little plant, adapted for beds or rock work, ribbons or edgings. The plants form a small, spreading mass of about 9 inches high, may be had in bloom for the whole summer. Blue. Pkt 5c.

Veronica 791 Early flowering, hardy perennials, all colors, mixed. Pkt 10c.

VERBENA

792 Grandiflora Mammoth Strain—This distinct and superb class of Verbenas is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully one inch in diameter, with clearly defined margins and white eyes. Very choice mixed. Pkt 10c, 3 pkts 25c, $\frac{1}{2}$ oz 50c.

793 Mammoth Blue. Pkt 10c.

794 Mammoth Scarlet Defiance—Brightest scarlet. Pkt 10c, $\frac{1}{2}$ oz 75c.

795 Mammoth Pure White "Snowball"—A fine strain of large flowering. Pkt 10c, $\frac{1}{2}$ oz 75c.

796 Mammoth Auricula—Splendid colors, with large white eye. Pkt 10c.

797 Yellow Leaved (Golden Bedder)—A golden yellow foliage, which forms a striking contrast to the deep crimson flowers. Pkt 10c.

798 Venosa, Purple—Producing an abundance of flowers. Good bedder. Pkt 10c.

799 Erinoides (Moss Verbena)—Purplish-blue blossoms in profusion; comes into flower in June and continues incessantly until October. For beds, baskets or rockeries it is highly desirable. Pkt 10c.

800 Citriodora (Lemon-scented Verbena)—The leaves are fragrant and refreshing. Grows easy from seed. Pkt 10c.

801 TOM THUMB VERBENA (Verbena Hybrida Compacta)—Extremely dwarf, compact growth, 6 inches in height, and spreads to form almost circular bushes about 2 feet in diameter. Mixed. Pkt 10c.

Vinca (Periwinkle, or Creeping Myrtle) 802 **Rosea**—Rosy flowered, oval shaped leaves. Pkt 10c.

803 **Alba**—White flowering. Pkt 10c.

Viola (Single Violet) 804 **Odorata Semperflorens** (Sweet flowering Violets)—The "Sweet English Violet," a favorite for its long continued bloom and its delicate odor, 6 inc Pkt 5c.

Virginian Stock Hardy, low-growing, profuse flowering annuals, for hedges, small beds, or pot culture.

805 **Chelranthus Maritimus**—Mixed. Pkt 5c.

Viscaria 806 **Hybrida**—Pretty, profuse flowering, hardy, low annuals of easy culture in any soil. Mixed colors. Pkt

Waitzia 807 **Grandiflora**—Half-hardy, ever-lasting annuals, high, large yellow flowers. Pkt 10c.

Wallflower

Wallflower are very fragrant and prized; the large, conspicuous double Gertrudes have a great effect, while bushy, compact and profuse bedding the single ones exceed in them. H.P.

808 **Double**—Mixed.

809 **Hart**—Rich, blood red. Pkt 10c.

810 **Single**—Pkt 5c.

811 **Single Wallflower**—Variety will flower out the summer from seed so spring. Pkt 10c.

Whitavia Fed, free-flowering annuals, 18 in shaped flowers, long, violet white. Pkt 5c.



Wallflower—Double Mixed. Pkt 10c.

**Elegans, Double Large Flowering**

Iegans Mixed—Large flowering mixture of many colors, finest cultivation. Pkt 10c.

carlet—Double, fiery scarlet flowers. Pkt 5c.

White—Pkt 5c.

Sulphur Yellow—Golden yellow flowers, large perfect shape. Pkt 5c.

ompona or Darwinii Nana, fl. pl.—Dwarf, double, distinct; shape, beautiful; flowers perfect in shape, the colors of which are gaily bright and showy; mixed. Pkt 5c.

taageana, fl. pl.—1 foot, double flowers, mixed. Pkt 5c.

ebra Zinnias—The flowers of this selection are perfect in shape, and are beautifully striped, spotted and blotched with different colors. Plants symmetrical and compact, about 2 feet high; mixed colors.

**Wild Cucumber Vine**

821 This is the **quickest growing climber** in our list. It will grow 30 feet in one season, has dense graceful foliage which is thickly dotted over with pretty white, fragrant flowers. These in turn are followed by an abundance of small, ornamental and prickly seed pods. Once planted, this vine seeds itself and comes up every year. Pkt 5c, oz 25c.

WIGANDIA

Grand and magnificent plant, with stupendous leaves richly veined, and stems covered with crimson hair. Of rapid growth and splendid habit. It forms one of the finest objects among ornamental foliage plants to impart a tropical aspect to a garden or conservatory decoration; hh.p.

822 **Caracasana**—Pkt 10c.

ZEA (Ornamental Maize)

compact in habit, very long and drooping leaves, elegantly striped; a effective plant, especially in groups and masses.

3 Japonica Variegata—Pkt 15c.

ZERANTHEMUM

4 Annum—Double white. Pkt 5c.

5 Imperiale—Double dark violet purple. Pkt 10c.

6 Superbissimum, fl. pl.—Distinct double. Pkt 10c.

ZINNIA

(Youth and Old Age)

The Double Zinnia, flowers large, beautifully formed and exceedingly handsome. Few plants in the flower border are more effective; and scarcely any flower, when cut, is more suitable for table bouquets. Being of rather robust habit, it requires but moderately rich soil; the seed may be sown in the open ground or in heat, according to the time it is desired to flower; half-hardy annual. See also Collection Double Zinnias, 6 varieties, page 42.

813 DOUBLE, Curled and Crested—A new and beautiful strain of this popular plant, with large double flower of perfect form, the petals being twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the shades characteristic of the Zinnia. Pkt 10c, 3 pkts 25c.

SPECIAL MIXTURES OF FLOWER SEEDS

Many persons derive pleasure from watching the growth of a varied bed of flowers, entirely out of the usual trim garden style, while others desire a much more extended collection than their means will permit. To both of these the following mixtures will appeal:

PACKET
10c.

- 827 **Flowers for Bouquets** 10c.
 828 **Low-Crowing Annuals** 10c.
 829 **Tall-Growing Annuals** 10c.
 830 **Mixture of Fragrant Annuals** 10c.
 831 **Mixture of Foliage Plants** 10c.
 832 **Mixture of Climbers** 10c.
 833 **Mixture of Evening Bloomers** 10c.
 834 **Everlasting and Ornamental Grasses** 10c.
 835 **Biennials and Perennials** 10c.

836 WILD-FLOWER GARDEN MIXTURE—These mixed flower seeds embrace more than a hundred varieties of such easy-growing and pretty flowers as are suitable for forming a wild-flower garden. They are very useful for woodland walks, roadsides, and for sowing alongside of fences and on any untidy bare spots of ground which are frequently unsightly, and which, if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. Oz 25c, $\frac{1}{4}$ lb 75c, lb \$2.50.

Our Children's Flower Garden

837 Nothing appeals so to a young fancy as bright colors and beauty of form, and the influence on the mind when in its most receptive state, of a constant association with nature and its beauties, will be found to create beneficial impressions lasting a lifetime. Not only is the love of the beautiful and artistic taste aroused, but there also comes a love of order and an incentive to work when the child is given a personal interest in the cultivation of the garden. With a small expense of labor, the kindergarten can be transformed into a delightfully attractive spot, and form the most instructive of schoolrooms and the happiest of playgrounds. This mixture embraces over one hundred sorts of easy-growing flowers most suitable for any bare or unsightly spots in the yard, to sow along fences, on embankments, etc. All the cultivation necessary is some thinning out where the plants are too crowded, and to keep the spot clear of weeds. $\frac{1}{2}$ oz 10c, oz 15c, $\frac{1}{4}$ lb 35c, lb \$1.00.



SURPRISE FLOWER SEED COLLECTIONS

That we may fill orders promptly in our busy season, we put up nearly all our flower seeds into packets in advance, just as soon as the new stocks arrive from our growers, which often leaves us towards the close of the season "long" on a number of sorts. Now rather than throw them away, as has been our usual custom, we will make them up into Surprise Collections, and all customers who avail themselves of our offers will experience a real surprise at the value received. The selection of varieties must be left entirely to us, but we will consider the wishes of our customers if they will indicate to what use the plants are to be put. These Surprise Collections will not be mailed before May 15th, though orders will be booked any time before that date.

No. 1 SURPRISE COLLECTION will contain 10 or more packets of different choice sorts of flower seeds. Price, 20c.

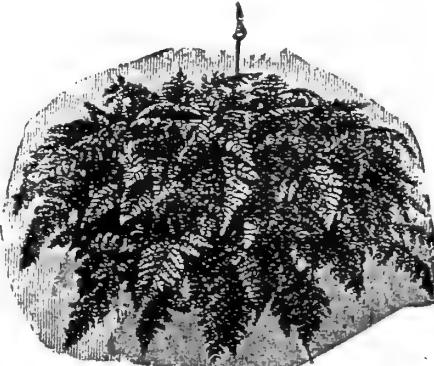
No. 2 SURPRISE COLLECTION will contain 20 packets of different choice sorts of flower seeds. Price, 35c.

We guarantee these collections to contain seeds as good as those sold at regular catalogue prices.

IMPORTED JAPANESE FERN BALLS

Something New From Japan

838 These Fern Balls arrive from Japan in January. The roots are twisted and worked together in a ball shape about 8 inches in diameter. The fresh young leaves soon sprout out and form a solid mass of fronds completely covering the ball (see illustration), forming a ball of fern leaves 15 to 18 inches in diameter when fully developed. These Fern Balls do well hang in a window where not too much sun reaches them. Keep the ball moist by dipping it occasionally in a pail of water. Large size 50c, small size 30c, postpaid.

**Fern Ball—Dormant****Fern Ball—in Leaf**

Large Flowering CANNAS

the Most Desirable Bedding Plant for the Canadian Garden.

Beauty—The handsomest Indian Canna yet introduced, with large massive foliage of the richest bronzy purple color, with black, the edges of the leaves having a peculiar wavy effect. Where foliage effect alone is desired, nothing richer or more beautiful can be found. 30c each; 4 for \$1.00.

Mania (Italian)—Exceptionally large flowers, frequently 6½ inches across, the upper petals salmon with broad borderings of golden yellow, while the lower petal is dark salmon with yellow in the centre; foliage dark green.

Prince Bouvier—5 feet. In color it is the most intensely crimson yet introduced, and is undoubtedly one of the best varieties.

Rica—4½ feet. The beautiful foliage is dark, shaded and variegated with green, bronze and purple, and shines as if varnished. The leaves are very large and the flowers are enormous, with a yellow and petals of glowing red, flamed and streaked with purple.

Ria (Italian)—6 feet. Pure canary yellow; fine large open flowers with but few traces of reddish brown dots in the centre of the inside petals.

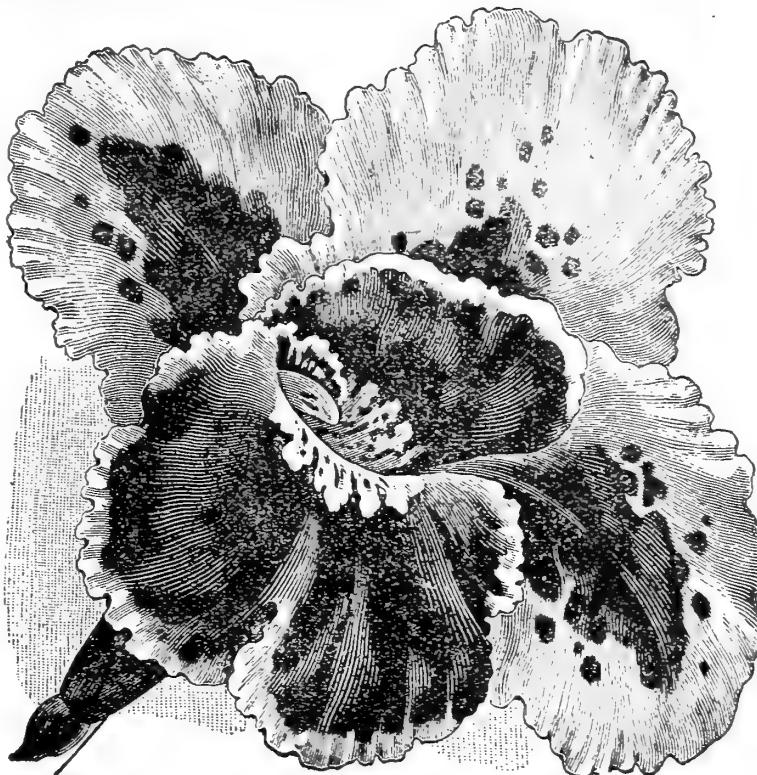
Queen of Marlborough—3½ feet. Green foliage. Absolutely superbly beautiful. The color is rich, velvety maroon, the best color yet found in a Canna.

Medal (Medal)—4 feet. Red foliage, strong, compact flower spikes of currant red. The finest of its color because of its hardy leaf and flower, and because of its brilliancy.

Prince Vaughan—3 feet. The flowers of this splendid sort are in perfect form; the petals are even broader than those of *Crozy* and more rounded at the ends, and are well opened. The most brilliant golden yellow, dotted with brightest scarlet.

Intea—This gigantic dark foliaged Canna has been grown to a height of 8 to 11 feet, with bright orange-scarlet flowers of good size. The foliage is simply superb. It comes into bloom very early, and continues to flower continuously.

Queen Sceptre—A pure golden yellow Canna, without spots, not bleach in the sun like other yellow Cannas; flower stalks very tall. Color golden yellow, without spots, lower petals very large, 4½ feet, foliage bright green.



Type of Italian or Orchid Flowered Canna

Italia (Italian)—5 feet. Is of a bright orange-scarlet, with a very broad golden-yellow border; the flowers, which are produced on massive stems about sixteen inches long, are set well above the foliage.

Leonard Vaughan—5 feet. Rich, deep bronze foliage. Very strong, robust grower, flowers freely, and well-formed flower spikes show boldly above the foliage. Color, bright scarlet without markings, and with very wide petals, measuring 1½ inches.

Madame Crozy—The flowers are of the largest size, of a dazzling crimson scarlet, bordered with golden yellow. The plant is of vigorous growth, yet dwarf in habit, seldom exceeding four feet in height. The foliage is of a rich, cheerful green, and very massive.

Mile. Berat—The nearest approach to a pink in a first-class bedder. Many of the sorts heretofore offered as pink, have a "washed-out" appearance. In this variety, however, the larger the mass the finer the effect, and when planted in conjunction with yellows and high-colored reds it is simply superb. Height 4 feet.

Mrs. Kate Gray (Italian)—7 feet. Flower is immense; larger than *Austria* or *Italia*, being round and full, of a clear wine color, beautifully suffused with gold. Besides the extraordinary size of the flowers, it is a very strong grower, and would be valuable on account of its beautiful and luxuriant foliage alone, which is tropical in its luxuriance, much resembling the Abyssinian Banana. Each 25c.

Paul Carnot—Has good-sized truss of large flowers; foliage deep chocolate maroon; color of bloom, bright red. One of the best of the dark-leaved sorts.

Queen Charlotte—4 feet. The flower spikes bear a beautiful bouquet of large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with a bright canary yellow.

Souvenir d'Antoine Crozy—The richest gilt-edged variety yet introduced; the flowers are large, with well-rounded petals, which are of intense scarlet crimson, rich and dazzling, and are bordered with a broad, rich golden-yellow band; 3 feet high.

Strong Plants—Except where noted, each 15c, postpaid; by express at purchaser's expense, per doz., \$1.40.

For the Amateur, Dry Roots are difficult to start, so we offer plants.

Collection for a Canna Bed 7 feet in Diameter

1 *Florence Vaughan*
6 *Duke of Marlborough*
12 *Queen Charlotte* } For \$2.10
By Express

How to Prepare a Canna Bed.—These plants being strong growers, require deeply-dug garden ground, well enriched with rotten manure; soil with some mixture of sand is best. After planting, water sparingly for a few days, until the plants have taken root; after well established and showing good leaf growth, increase the amount of water; when in full growth during hot weather they may be watered very freely. Set the plants 18 inches apart each way, using the taller ones (see height in description) for the centre and the dwarfer kinds for outer circles with shortest ones at edge.



Cannas in a Bed

DAHLIAS

The Dahlia is the grandest Autumn flower we have. There is nothing to equal it in September or October when everything else is faded or fading, and it surrenders only to frost. Tubers should be planted when the season becomes warm, covering the neck about 3 inches. If many shoots start thin out. Take up plants before hard frost, cut off tops, dry the tubers a little, and put in cellar until spring. There are five distinct classes, viz.:—**Tall Double, Dwarf Double, Decorative Cactus, True Cactus, and Single.** All are grand, and the entire collection should be planted. Tubers can be sent as soon as all danger from frost is past, about April 1st. **Prices below include postage.**

Best Large Flowering Show Dahlias

Arabella—Pale primrose tipped and shaded old rose and lavender.

Beauty—Large, pure white, extra fine.

Charles Lidgard—Deep yellow, edged with red.

Countess—Very large yellow.

Duchess of Cambridge—White suffused pink.

Emily Edwards—White suffused soft pink, fine,

Empress of India—Large, white, tipped with purplish lilac.

Florence Stark—White, striped with purple; best of its color.

General Gordon—Yellow, beautifully striped with deep scarlet.

"Greater Britain"—The flowers are large, 5 to 6 inches in diameter, and perfectly full to the centre. The color is a pure, rich yellow, petals tipped with delicate peach.

Hector—Large, cherry red, finest form.

Jezebel—Dark rich maroon, tipped white.

Lord Roberts—White, shading to mauve.

A. D. Lavoni—Beautiful soft pink.

Mantas La Villa—Very deep rose.

Miss Browning—Clear yellow, tipped with white.

Miss Marsh—White, deeply edged with rose purple.

Modesty—Blush, light centre, large, always perfect.

Orange King—Orange scarlet.

Perfect Vallon—Beautiful rich cardinal red.

Prince Bismarck—Bright purple.

Queen Victoria—Yellow, edged deep rose.

Rosland—Light yellow.

Ruby Queen—Clear, ruby red, richly shaded.

Triomphe de Pacque—Dark maroon, good form.

PRICE—15c each; any 4, 50c, doz \$1.40.

DWARF DOUBLE BOUQUET DAHLIAS

So-called from their compact and dwarf habit of growth; flowers smaller than those of the Tall Dahlias, but perfect and very double.

Crimson Beauty—Vivid crimson.

Dandy—Bright crimson purple.

Decorator—Pinkish white, penciled purple.

Eleganta—Soft pink, tipped deep pink.

Golden Jewel—Very small, pure yellow.

Karl Goldenberger—Small, yellow, tipped white.

Snowclad—Best white, very free flowering.

Snowflake—Pure white.

PRICE—15c each; any 4, 50c; per doz \$1.40.

Five Fine New Dahlias for 1902

Countess of Pembroke (Decorative Cactus)—One of the best for cut flowers, pure delicate rosy lavender, large size and form, and long stems, very profuse bloomer. Each 30c.

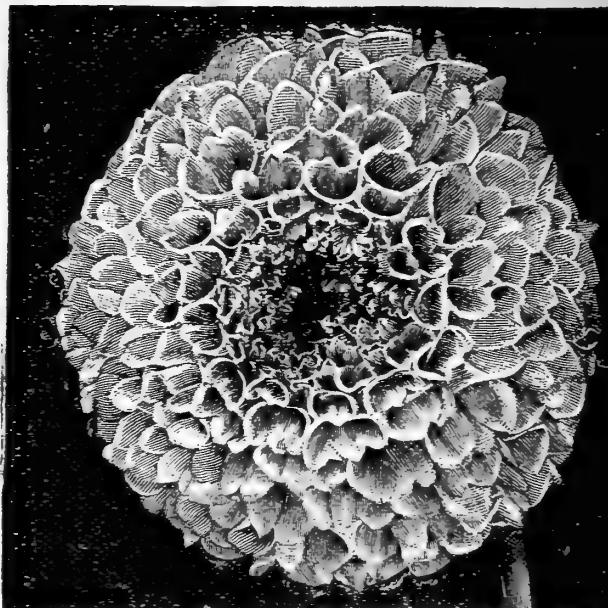
La Favorite (Decorative Cactus)—Snow white and of the largest size, of a beautiful fluffy chrysanthemum form, equal to the best chrysanthemum as a cut flower. Each 30c.

John Roach (True Cactus)—Soft yellow, edged sulphur yellow, petals long, pointed and twisted, flowers large and of good form. Each 30c.

Frank Smith (Tall double)—One of the best of the fancy type, rich dark purplish maroon, tipped pinkish white, very fine. Each 30c.

Duke of York (Tall double seedling)—Color a clear yellow, merging into crimson on the outer edge, the flower is very large and full, double to the centre, profuse bloomer. Each 30c.

SPECIAL OFFER—Any three, 80c, or the set of five for \$1.25, postpaid.



Tall Double or Show Dahlia

Large Decorative Cactus Dahlias

This group is generally sold as Cactus Dahlias, but is entirely in form they are about half way between the show and Cactus varieties. petals are long, broad, beautiful and regular, though they vary in different varieties. Splendid for decoration.

Black Prince—Velvety maroon, almost black.

Cactus Queen—Rich blood red, very decided color.

Clifford W. Bruton—Large size and always full to the centre; color the purest yellow.

Fern Leaved Beauty—Foliage finely cut like a Fern. Color white, heavily bordered with dark crimson.

Henry Patrick—Pure white, free.

Iridescent—Bright orange, overlaid with red, suffused and margin.

Maid of Kent—Rich blood red, tipped white.

Mrs. Munrow—Lovely shade of sulphur yellow blending to rich **Nymphaea** (the Pink Water Lily Dahlia)—Flowers of large size, heavy, broad petals, centre cupped or incurved; shrimp pink, slightly darker.

Oban—Rosy lavender, overlaid with silvery fawn.

Wm. Agnew—The richest shade of intense dazzling red.

William Pearce—Bright yellow, perfect.

PRICE—15c each; any 4, 50c; per doz \$1.40.

True Cactus Dahlias

This section is of recent introduction, and is the most beautiful Dahlia family. The flowers are perfectly double, loosely and irregular in outline, the petals are long, pointed and twisted. This class are most exquisitely delicate and refined, while the bl. shades and tints is surpassingly lovely.

Beauty of Arundel—Rich, glowing crimson, shading to rosy purple.

Countess of Radnor—Delicate salmon rose.

Delicate—Light salmon, shading to lovely delicate pink.

Gloriosa—Deep bright red, shaded scarlet.

Mrs. Pearn—Creamy white.

Marquis—Dark rich crimson.

Mrs. V. Morgan—Combination of bronze, yellow and pink.

Viscountess Folkestone—Primrose shading to sulphur at base.

PRICE—15c each; any 4 for 50c; per doz. \$1.40.

Single Dahlias

Titan—Fern Leaf, orange.

John Cowan—Crimson, shaded maroon.

Kate—Intense orange-scarlet maroon.

Kappereller—Orange and purple.

Mrs. L. C. Bassett—Maroon, striped lilac.

Novelty—Purple spotted white.

Snow Queen—Pure white, extra fine.

Yellow Seedling (new)—Very large, pure yellow.

PRICE—15c each, any 4 for 50c, \$1.40 per doz.

Mixed Dahlias

We have a large stock of Mixed Dahlia Roots from which we have been lost, among them will be found some of our very best. We offer these for 10c each, 3 for 25c, 75c per doz, \$5.00 per ht.

LADIOLUS

LARGE FLOWERING, BRILLIANT COLORS

STRICTLY FIRST SIZE BULBS

No Flower Garden is complete without a Bed of Gladiolus.

There is nothing to compare with the Gladiolus as a garden flower, as they do under the most adverse conditions, and giving out a large supply of handsome blooms which cannot be surpassed for their size and varied colors. We are large growers of these bulbs and have many varieties and mixtures that we know are the best to be obtained and will give complete satisfaction.

A Select List of Named Gladiolus

Washington—Light yellow, of large size, in a well arranged spike, lower tinge tinged with rose.
John—Very fine, salmon pink.
Pierre—Brilliant red, maroon centre.
George—White, suffused carmine rose, large rosy blotch.
Aimee—White and red.
White—White ground, slightly striped crimson.
Cherry—Cherry, white throat.
Sherman—Large fine scarlet. Each 10c, doz 90c.
Thursby—White ground, carmine strips through petals, blotch in the lower ones. Each 10c, doz 90c.
Yellow—Yellow and buff. Each 10c, doz 90c.
Pink—Pink.
Ant Lincoln—Blush white ground, suffused with bright rose.
Scarlet—Brilliant scarlet, blotched pure white.
Gordon—Beautiful distinct red.
Victoria—Buff, maroon centre.
Chisholm—Yellow.
White—Grand spike of snow white flowers, a magnificent variety. Each 15c, 30c, \$1.75 per doz.
of the above (except where noted), 6c each, 60c doz, postpaid.

Giant or Childsii Gladiolus

These flowers are of great substance and of gigantic size. The form of both the spike and spike is perfection itself, but their most remarkable feature is their size. Orchids cannot surpass them in their varied and delicate shades, markings and dings. Every color known among gladiolus is represented, and many never seen, particularly blues, smoke-grays and purple blacks, all having beautifully marked and spotted throats, made up of white, crimson, pink, yellow. Price, each 25c, 12 for 60c, postpaid; 25 for \$1.00, 100 for \$8.50 at purchasers expense.

OUR GENERAL MIXTURES

Mixed gladiolus are very fine indeed, being choice varieties only. All old and ones have been discarded, and customers can depend on having a large and varied variety of colors.

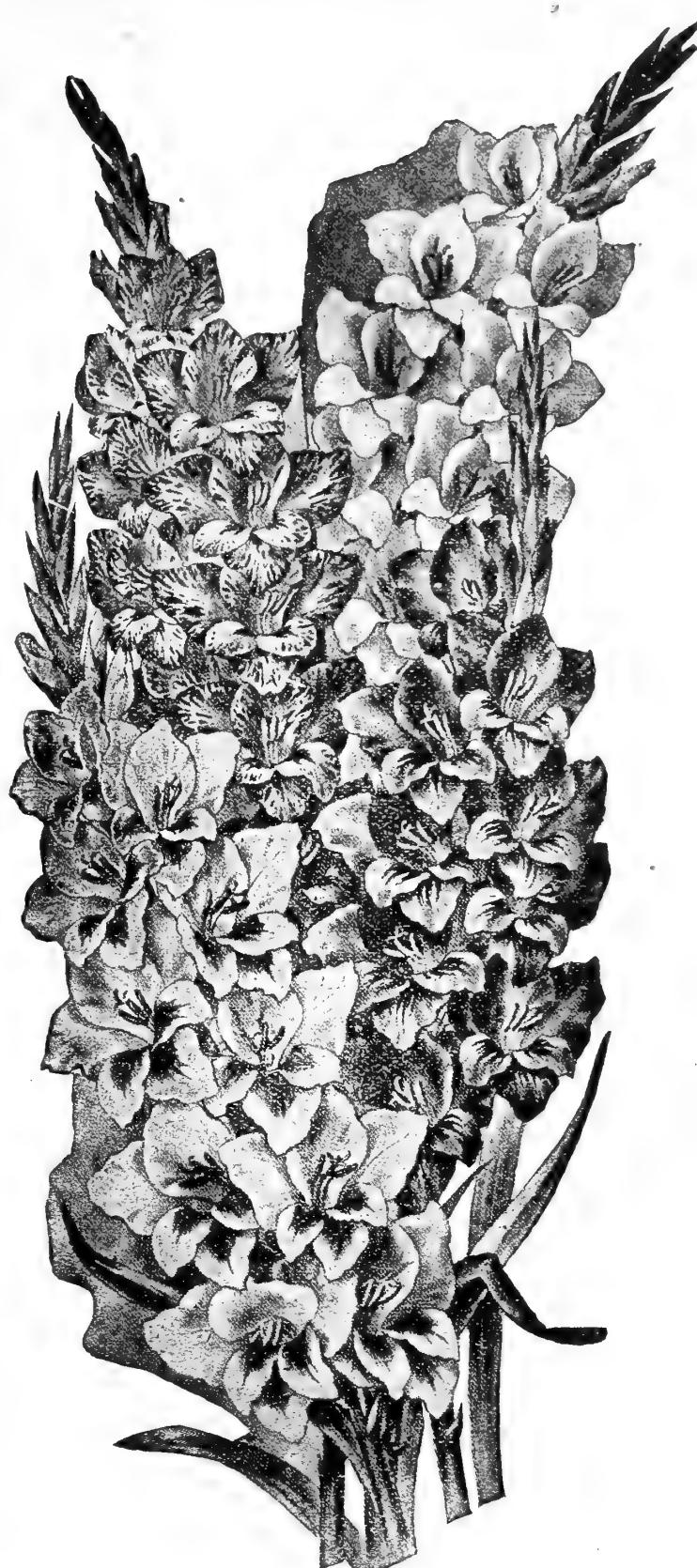
	Each	per doz.	per 25	per 100
Extra Fine Mixed.	\$0 08	\$0 80	\$0 60	\$1 75
Cheap Mixture.	0 02	0 20	0 15	1 25
Emoine's Seedlings.	0 05	0 35	0 70	2 00

ADIOLUS IN COLORS—All Large Flowering Bulbs.

	Each	per doz.	per 25	per 100
Light Varieties, Mixed.	\$0 05	\$0 50	\$0 90	\$3 25
Variegated, Mixed.	0 05	0 50	0 90	3 25
Scarlet Varieties, Mixed.	0 05	0 40	0 65	2 00
Orange Varieties, Mixed.	0 03	0 30	0 50	1 50
	0 05	0 50	1 00	3 50

- 1 Large Flowering Single Tuberous-Rooted Begonia.
 1 Amaryllis—Formosissima.
 1 Cinnamon Vine.
 1 Giant Flowered Gloxinia.

The above FOUR grand Bulbs mailed postpaid for only 80c.



GROFF'S EXTRA SELECT PAN-AMERICAN EXPOSITION COLLECTION.

This collection is made up from the choice new varieties exhibited at Buffalo. In its preparation every desirable section is represented. Gandavenis, Nanceianus, Lemones, Blues and New Hybrids. They are in endless combinations of the purest and most delicate tints, as well as the most vivid contrasts of intense and brilliant colors. The flowers are of the largest size, forming a collection of the typical modern Gladiolus, than which no better can elsewhere be secured.

Sold in lots of 25, 50, 75 or 100 Corms or upwards. Every collection separately prepared. Price per 100 \$12.00. No two alike will be found in any one collection.

CHOICEST HARDY LILIES

ALL STRICTLY FIRST SIZE. Especially adapted to planting in borders, between shrubs, etc. **The best collection of sure blooming Lilies ever offered.** Because of the great popularity of this most beautiful of all bulbous plants, hundreds of kinds have been offered to the public in small and inferior bulbs, such as have shriveled and died before attempting to start into life—all of which has discouraged the many friends of this flower divine. Experience has taught us something about lilies during the last fifteen years, and with each new Gardening Annual we prune our list, rejecting every variety which has not the size, substance or lasting qualities necessary to a strong plant. Bulbs chosen from this list will produce a Lily bed which will not be a disappointment.

Their ease of culture, hardiness and freedom of bloom commend them to every flower lover.

AURATUM, Gold Banded

Justly famous as the most beautiful and fragrant of all Lilies, flowers white, dotted crimson, with a clear, broad golden band running through the centre of each petal.

First Size Bulbs	Each 15c, 4 for 50c, dozen \$1.50
Extra Size Bulbs	" 20c, 4 for 75c, " 2.00
Mammoth Size Bulbs	" 30c, 4 for \$1.00, " 3.00

SPECIOSUM ALBUM

Pure white, with beautiful recurved petals, very fragrant.

First Size Bulbs	Each 20c, 3 for 50c, dozen \$2.00
Extra Size Bulbs	" 25c, 3 for 65c, " 2.50
Mammoth Size Bulbs	" 35c, 3 for \$1.00, " 3.50

SPECIOSUM RUBRUM, Crimson Banded

Flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are five to six inches in diameter, very fragrant, and have all the hardiness of the Speciosum Class.

First Size Bulbs	Each 15c, 3 for 40c, dozen \$1.50
Extra Size Bulbs	" 20c, 4 for 75c, " 2.50
Mammoth Size Bulbs	" 30c, 4 for \$1.00, " 3.00

SPECIAL OFFER . . .

One first size bulb each of the three grand sorts, postpaid.....	40c.
One extra size bulb each of the three grand sorts, postpaid.....	60c.
One mammoth bulb each of the three grand sorts, postpaid	85c.

Roseum (*Speciosum*)—White, shaded and spotted with rose. Each 15c, doz \$1.50.

Melpomene (*Speciosum*)—A valuable addition to this class. Each petal is completely covered with blood-red, except a clear, frosty white border. Extremely handsome and perfectly hardy. Each 15c, per doz \$1.50.

Longiflorum—A variety bearing in clusters, beautiful snow white, trumpet-shaped flowers of rare fragrance, almost exactly like *Lilium Harrisii* in shape, but blooms later, extending the season of that beautiful kind. Each 15c, per doz \$1.50.

Brownii—Magnificent variety with large flowers, pure white inside, purple tinted outside, stamens of a rich chocolate color, one and a half to two feet high, blooms in June. Each 40c.

Chalcedonicum—Bright scarlet recurved flowers, blooms in June, 3 feet. Each 50c.

Martagon—Purple red, spotted with dark purple, prolific bloomer, 2 to 3 feet high, blooms in mid-summer. Each 15c, per doz, \$1.50.

Tenuifolium (Coral Lily of Siberia)—Flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the spring, very easily grown, requiring only a well-drained, sandy soil. Each 25c, 5 for \$1.00, 12 for \$2.00.



Lilium Longiflorum

All Bulbs are sent by Mail, postpaid, unless noted



Lilium Candidum



Lilium Auratum

Excelsum—This stately and beautiful variety grows from 5 to 6 feet and bears from 6 to 12 fragrant, nodding flowers, of a delicate buff color. 50c, 3 for \$1.35.

Tigrinum—Spotted Tiger Lily. Each 15c, per doz \$1.50.

Tigrinum, fl. pl.—Spotted Tiger Lily with double flowers. Each 10c.

Candidum—The pure white garden lily, flowers snow white, with heavy stamens; hardy and free blooming, bearing 5 to 20 blossoms. Plant leave them undisturbed. Each 10c, 3 for 25c, 6 for 50c, per doz \$1.00.

Orange Lily (*Bulbocodium Aurantiacum*)—Each 15c, per doz \$1.25.

Wallace's Notes on Lilies—An interesting and valuable book indispensable to Bulb Growers. Illustrated. Cloth, 215 pages, \$2.50.

Lily Collections

To make these beautiful flowers more popular we offer following very cheap.

Popular collection of 10 Separate Varieties for \$1.25, postpaid.

ONE BULB EACH—Auratum, Roseum, Rubrum, Album, Melpomene—Longiflorum, Martagon, Tigrinum, Tigrinum, fl. pl., Tenuifolium.

Popular collection of 5 Separate Varieties for 75c, postpaid.

ONE BULB EACH—Auratum, Roseum, Rubrum, Album, Melpomene.

GLOXINIA

A charming class of summer blooming bulbs, which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear.

Our mixtures include flowers of lovely form and hue, comprising all shades of color. For those who do not care about special color, they will be found very desirable, as only fine varieties have been kept, poor and dull colors being discarded.

Our Finest Mixed Bulbs. Each 15c, 4 for 50c, doz \$1.50.



Gloxinia, with erect leaves



To WHOM IT MAY CONCERN



The **FARM JOURNAL** is a gem. it is TWENTY-FIVE YEARS OLD, it is practical, it is for the Farmer, Stockman, Trucker, Fruit Grower, Dairyman, Poultryman, the Women Folks and the Boys and Girls. Boiled down much in little, cream not skim milk, full of gumption, full of sunshine, a staunch advocate of the rights and interests of country people. It is genuine, honest, clean, progressive, knows what to leave out and what to put in, It has already over two million readers, living from MAINE to CALIFORNIA and CANADA to TEXAS. It is the best known farm paper in the country.

YOU OUGHT TO TAKE IT.

The single subscription price of the **FARM JOURNAL** is 75 cents for five years but we have made arrangements for OUR CUSTOMERS by which any one who will mail this COUPON promptly, together with **SIXTY CENTS**, to **FARM JOURNAL, PHILADELPHIA, PA.**, will get the paper at a special coupon and lowest club rate, viz. **FIVE YEARS**, all of 1902-1903-1904-1905 and 1906, for **SIXTY CENTS**.

J. A. SIMMERS, Toronto, Canada,
Seed Warehouse.

FIVE
SIX

SEE OTHER SIDE

FIVE
SIX

NOTE IN SENDING FOR THE FARM JOURNAL USE BLANK ON OTHER SIDE



TO THE
PUBLISHERS OF

Farm Journal

PHILADELPHIA,
PENNA.

In accordance with the Special Coupon offered on
the other side, I enclose herewith the sum of **SIXTY CENTS**,
for which send me the **FARM JOURNAL** for **FIVE YEARS**,
viz. all of 1902-1903-1904-1905 and 1906.

James

W. H.

State

NOTE: Enclose the **SIXTY CENTS** and this Coupon carefully in a strong
envelope addressed to **FARM JOURNAL, PHILADELPHIA, PA.** If coin be sent
fold it in strong paper or sew it between two cards before sealing the envelope

SEE OTHER SIDE.

CALADIUM ESCULENTUM

(Or Elephant's Ears)

One of the most beautiful and striking *ornamental foliage plants* in cultivation, either for culture in pots or for planting out on lawns. It will grow in any good garden soil, and is of the easiest culture. When of full size it stands about 5 feet high, with immense leaves, often measuring 4 feet in length by 2½ in breadth. Price—1st size root, each 25c, doz \$2.50; 2nd size 15c, doz \$1.50; small size, 10c each, \$1.00 doz.



Dwarf Calla "Little Gem."

DWARF CALLA "LITTLE GEM"

Indeed a "pigny," scarcely ever exceeding the height of 1 foot, yet producing good sized flowers in great abundance. The flowers will be found exceedingly useful for "cut flower work."

Price—each 20c, 3 for 50c.

WHITE CALLA (Lily of the Nile)

Are white, splendid bloomer. Each 15c, 4 for 50c.

SPOTTED LEAF CALLA

(Richardia Alba Maculata)

A very ornamental plant, even when not in flower; foliage beautifully marked with transparent white spots showing to great advantage in a window. Flowers white with black centre. Blooms splendidly in the garden or as a potted plant. Large bulbs, to bloom at once.

Price—Each 15c, 4 for 50, doz \$1.25.

YELLOW CALLA

(Richardia Hastata)

Everyone is familiar with the well known White Calla Lily. This fine variety we now offer is identical with this in every respect, except the color, which is pure yellow, so that the great value of this grand novelty can be readily appreciated by Genuine imported stock. Each \$1.00.

BLACK CALLA

(Arum Sanctum, Solomon's Lily)

The large, wavy leaves, which are of a rich green color, veined light green, resemble those of Calla Ethiopica. The flower is about 14 inches long and from 7 to 9 inches across, of a brilliant dark-purple color. The spike rising about 10 inches from the centre of the flower, is velvet-like, and quite black. Price—Extra large roots, ea. 20c, or 3 for 50c.



Black Calla



Caladium Esculentum



Fancy Caladiums

GIANT CYCLAMEN

Certainly most interesting and beautiful winter and spring flowering bulbs. Not only are the flowers of striking beauty, but the foliage is also highly ornamental, being handsomely marked with various shades of green, gray and white.

Giant Rose
Giant White
Giant Red
Giant Mixed

20c each, doz \$2.00.



Giant Cyclamen

COOPERIA DRUMMONDI

(The Giant Fairy Lily)

Plant in spring, either in open ground or pots, where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 inches high. In the fall lift the bulbs and keep dry over winter. One of the easiest bulbs to grow, sure to bloom freely. Strong bulbs, 5c each. 6 for 25c.



Cypella Herberti

CYPELLA HERBERTI

(Golden Cup)

The flowers are of a deep golden yellow, each petal having a broad, rich purple stripe through the centre, and spots of the same color at the base. As the flowers are produced in quick succession and many on a spike it is scarcely ever out of bloom. Keep dry in winter.

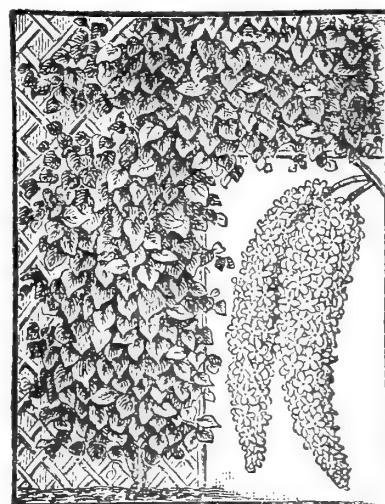
Each 20c, 3 for 50c.

HYACINTHUS CANDICANS

A very striking and beautiful plant. It is a strong grower and quite hardy, shoots upward a stem 4 or 5 feet high, which bears quantities of drooping, ivory-white, bell-shaped flowers, of delicate fragrance. It is very attractive planted among shrubbery or with Lilies or Gladioli. Each 10c. 3 for 20c, doz 75c.

LILY OF THE VALLEY

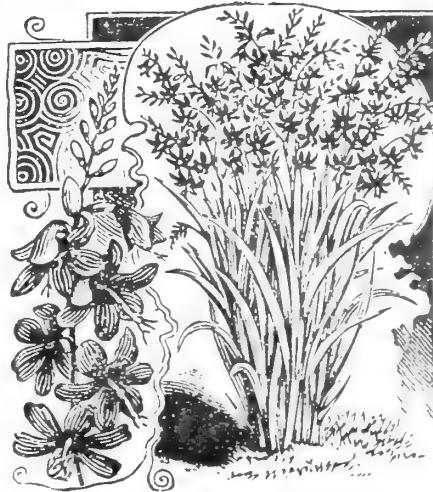
No flower so easily wins our love and keeps it forever as the Lily of the Valley—the sweetest and most delicate flower, being perfectly hardy, and each succeeding year rewarding the grower with greater abundance of deliciously fragrant blossoms. Strong clumps, each 35c. Strong pips 5c each, 6 for 20c, 12 for 35c.



Madeira Vine

MADEIRA VINE

A tall, half-hardy, tuberous-rooted, climbing plant, of rapid growth, bearing copious and graceful racemes of deliciously fragrant white flowers, very useful for screens and trellis work. Each 5c, 3 for 10c, doz 30c.



Montbretia Crocosimæflora

MONTBRETIA CROCOSIMÆFLORA

Showy flowers on spikes 12 to 24 inches long; bright orange, dotted purple. Each 5c, doz 50c.

ORNAMENTAL ASPARAGUS



Begonia—Otto Hacker



Rex Begonia



Begonia—Thurstonii



The Marquis



F. Joost

SPRENGERI—A pot plant or for planting in suspended baskets; the fronds are of a rich shade of green, and most useful for cutting, retaining their freshness after being cut for weeks. An excellent house plant, as it withstands dry atmosphere. Strong plants 20c each, 3 for 50c.

PLUMOSUS NANUS—This graceful climbing Asparagus has to a great extent taken the place of the once popular *Smilax*. It is much more graceful, its foliage being finer than that of the most delicate fern, and it will last for weeks after being cut. It is an excellent house plant, succeeding under almost any conditions. 20c each, 3 for 50c.

Special Offer—One each of the two Asparagus Ferns, 35c.

Flowering Begonias

Alba picta—The leaves are glossy green, freely spotted with bright silvery white. 15c each.

Argentia Guttata—Upright grower, largely spotted white. 15c each.

Compta—Stems and under sides of leaves red, upper side white and green. 15c each.

Feastii—Low growing round glossy leaves, pink flower. 15c.

Incarnata Grandiflora—Rich pink, best winter variety. 15c.

Manicata Aurea—Large, glossy, green leaves beautifully blotched with creamy white, clear carmine etchings in the matured leaves. 15c each.

Margaritae—Of the style of *Metallica* but a hardier and better grower. 15c each.

Odorata—White, sweet-scented. 15c each.

Otto Hacker—Vigorous grower, upright habit, with large, shining deep green leaves. The flowers are borne in immense clusters. Color a beautiful bright coral red. 15c each.

Palmata—Palm shaped leaves, handsome. 15c each.

Paul Bruant—Light pink, glossy fine foliage—good for winter. 15c each.

Pond Lily—Glossy, roundish leaves, pink flowers, mostly in winter. 15c each.

Thurstonii—Rich pink, handsome foliage. (See cut.) 15c each.

Weltoniensis—Best summer blooming variety—pink. 15c each.

SPECIAL OFFER—Any Three Varieties for 35c, postpaid. Any Six Varieties for 65c, postpaid.

Dwarf Begonia Bijou A very pretty dwarf variety, growing only about 9 inches high, and covered with intense scarlet crimson flowers. A perfect gem for pot culture, blooming continuously, equally valuable for outside planting in masses or as a border plant. 20c each.

Rex Begonias (Ornamental Leaved Varieties) Many improvements have been made in recent years in this useful house plant. Our collection, which contains some 20 varieties, embraces all the good old varieties, as well as the best of recent introduction. (See cut.) 20c each, 3 for 50c.



Asparagus Plumosus



Bougainvillea Sanderiana

Bougainvillea Sanderiana This beautiful free-flowering variety on account of its free-blooming qualities has become very popular, especially as a plant for Easter decorations. It is of strong and rapid growth, and the brilliant rosy-crimson blossoms are produced almost the whole year. (See cut.) 25c each.

CARNATIONS

C. H. Crane—Fine scarlet.

Chicago—Bright scarlet, very large.

F. Joost—Fine bright pink.

Floral Hill—One of the finest whites, large and free flowering.

Gen. Gomez—Deep crimson.

Gen. Maceo—Bright crimson.

Glacier—White Dwarf.

Gold Nugget—Best yellow.

Leslie Paul—Dark pink, good.

Mad Albertini—Large rich pink.

Mrs. T. W. Lawson—Dark pink, large.

Ontario—Large bold flower, strong stem, pure white.

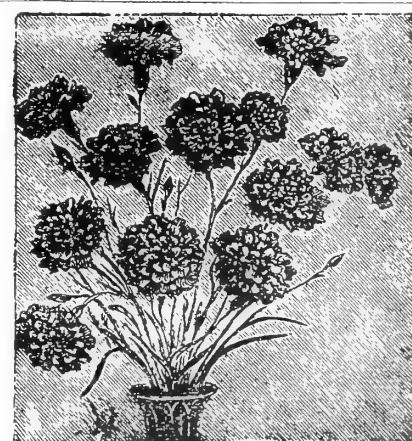
Portia—Finest rich scarlet.

The Marquis—Clear pink, large.

Triumph—Pure pink without a trace of purple; very large with long, stiff stems.

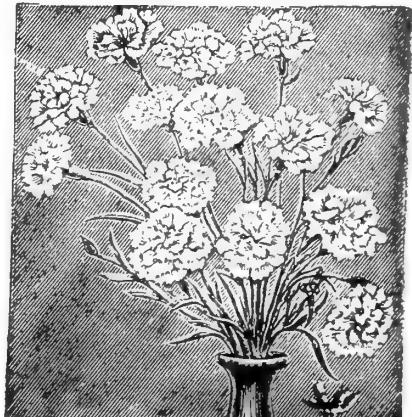
White Cloud—Fine large white.

Winter Cheer—Bright scarlet.



C. H. Crane

Any of
the above
Carnations
10c each,
12 for
\$1.00.



White Cloud



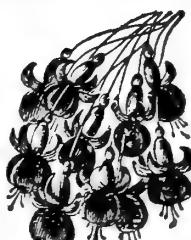
Timothy Eaton

Setting Sun—Yellow and bronze.**The Barrington**—Purplish crimson, very distinct.**TIMOTHY EATON**—Finest and largest white; awarded highest honors wherever exhibited.**Yellow Fellow**—Rich yellow of immense size.**Any of the above list 10c, 3 for 25c, 12 for \$1.00. One each of the 25 varieties \$1.75 postpaid.**

FUCHSIAS



Madame Bruant



Wave of Life



Mrs. E. G. Hill

Avalanche—Best dark Double Fuchsia, fine foliage.**Arabella**—White tube and sepals, rose corolla; early.**Black Prince**—Bright waxy carmine, pink corolla.**General Roberts**—Red sepals, plum corolla, flower four inches long, extra fine.**Mrs. E. G. Hill**—Short tube and sepals, bright rich reddish crimson color; corolla extra large, full and double; flower of the largest size.**Molesworth**—Best double white.**Mad. Bruant**—One of the most double; sepals bright red; corolla rosy heliotrope, marked and veined with rose.**Rose of Castille, Improved**—White with violet centre.**Speciosa**—Flesh color sepals, red corolla. Finest of all for winter flowering.**Wave of Life**—Golden foliage, crimson tube and sepals; fine purple corolla.**Any of the above 15c each, 2 for 25c.****One each of the above 10 varieties for \$1.00, postpaid.**

Fuchsia Avalanche

CHRYSANTHEMUMS

STANDARD VARIETIES

Our list of Chrysanthemums is composed exclusively of varieties standing at the head of their type and color.

Black Hawk—Finest crimson to date.**C. Chalfant**—Fine early large yellow.**Frank Hardy**—Pure white, called the White Good Gracious, incurving petals.**Glory of Pacific**—Large, early pink, broad petals.**Golden Wedding**—Undoubtedly the grandest golden yellow variety.**Gold Mine**—Clear, rich yellow.**Good Gracious**—Delicate shade of peach pink.**Iora**—Pink, long twisted petals.**Ivory**—Pure white, a splendid free-flowering variety.**John Shrimpton**—Bright, velvety, crimson scarlet.**L. Boehmer**—Silvery pink and deep rose, ostrich plume type.**Major Bonnaffon**—Soft clear yellow, incurved.**Marion Henderson**—Early bright yellow.**Mayflower**—Large, incurved, white.**Merry Christmas**—Latest flowering white.**Merry Monarch**—Large white, early.**Modesto**—Intense yellow, incurved.**Mrs. Perrin**—True pink, incurved.**Mrs. Henry Robinson**—Large early white.**Niveus**—Clearest and finest white.**Pink Ivory**—Light pink, early.

Major Bonnaffon

CACTI

Anhalonium Fissuratum (Living Rock)—Greatest curiosity in plant kingdom, looks like carved work. Flowers purplish. Price only to 40c each.

Cereus Colubrinus—Quick tall grower, fine white flowers, bloom at night, followed by fruit color and size of an orange. Each 15c to 25c.

Cereus Nycticalus (Night Blooming Cereus)—Large white flower, delicious perfume. Slender climber of very quick growth. Each 15c.

Echinocereus Coespitosus—The beautiful lace Cactus, plant cately covered with lace-like spines, flowers crimson purple. Each 15c.

Echinopsis Mulleri—Rapid grower of globular form, flowers do of a satiny rose color. Each 15c.

Epiphyllum Russellianum (Crab Cactus)—Beautiful drooping h bearing its fine crimson flowers at the end of every leaf. Each 15c.

Echinocereus Roemerii—A rather rare sort, not often seen in collections. Good large flowers of purplish color; plant easily grown. 15c to each.

Opuntia Frutescens—Rapid grower, slender upright stems, he spined, blooms profusely followed by red fruit. Each 15c.

Opuntia Microdasys—The branches are beautifully spotted with of golden yellow. Flowers numerous and bright golden yellow. Price

Opuntia Monacantha—Large oval-shaped branches, rapid gro soon making fine large specimens. Orange colored flowers. Each 15c.

Opuntia Whipplei—A very fast-growing, slender-stemmed Opi joints flat, $\frac{1}{2}$ inch wide and from 2 to 8 inches long, branches freely. Price

Phyllocactus Ackermannii (The King Cactus)—A very pr bloomer of the flat leaved variety. Flowers satiny scarlet, about the a large cup, and lasting several days. Price 15c.

Phyllocactus Wragi—The heavy fleshy leaves, deeply notched edges. The flowers are magnificent, pure white, and last some time. sort, seldom found in collections. Price 15c.

Stapelia Variegata—A good plant for a hanging basket, will down a foot on all sides and grows quickly. Is easily managed, and b a very odd, beautiful star-shaped flower of a leathery texture. Col yellow and maroon markings. Price 15c.

One of each of the above \$2.00.

Book entitled "Hints on Cacti," Price 20 cents.



Cactus

SURPLUS COLLECTION

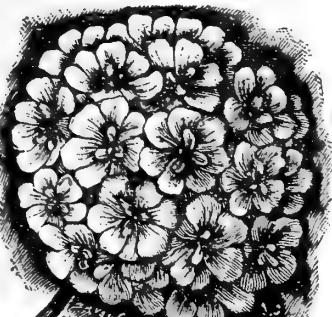
These Surplus Collection of Plants and Bulbs ready to fill by May 25 we will send plants amo to not less than \$2.00 : luge prices and pay pos ordered by express we c many more plants and o size; but they are alway selection.

Price \$1.00.

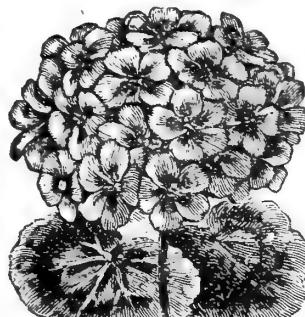
Ready May 25t



Madame Bruant



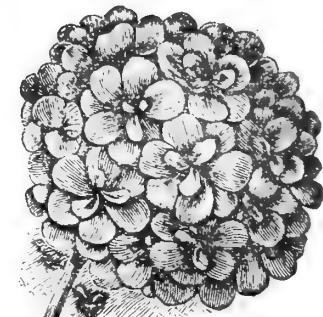
Comtesse Harcourt



Lady Reed



Madame Jaulin



Charles Morel

GERANIUMS

DOUBLE AND SEMI-DOUBLE GERANIUMS

Adrienne Corret—Light rosy red, shaded magenta, fine bedder.
Comtesse de Poitevin—Very large, semi-double, brilliant salmon.

Emile Girardin—Bright pink, best of its color.

J. Harrison—Most brilliant scarlet flowers of immense size.
A Favorite—The trusses are very large, flowers beautifully formed, e purest white.

iphonse Ricard—Light scarlet, large.

Charles Morel—Bright double red.

Madame Barre—Clear magenta.

Comtesse de Harcourt—Very fine white.

Madame Jaulin—Salmon and white, very fine.

A. Nutt—The best rich dark crimson variety; A fine bedder.
 Any of the above 10c each, 3 for 25c, per doz \$1.00.

SINGLE GERANIUMS

Madame Reed—Light salmon, best of its color.

Aube—Immense pure white.

Madame Bruant—White, veined and edged purplish pink; good bedder.

Edmond Rostand—Magenta.

acquerie—Rich crimson.

New Life—Bright scarlet, striped white.

Madame Jamet—Salmon pink, light centre.

Amille Bernardin—Blush white, tinted rose.

am Sloane—Dark scarlet, "The Scarlet Bedder."

Any of the above 10c each, 3 for 25c, per doz \$1.00.



Hydrangea Otaksa Monstrosa

ery lasting in quality. 20c each, 3 for 50c.

Thomas Hogg—Large, pure white flowers which, on well-grown plants, measure than 12 inches in diameter. 20c each, 3 for 50c.

ortensis Nigra—Rich pink, very large and fine, black stems. 20c each, 3 for 50c.

HELIOTROPES

eliotropes are great favorites, principally on account of their delicious fragrance; they freely under glass, and may be planted in the open border during the summer. 20c each, 3 for 25c, doz \$1.00.

ANNUALS

We can also supply the following Annuals, grown from our own Select Seed. Good, strong plants.

ZINNIAS **PHLOX** **MARIGOLDS** **VERBENAS** **BALSAMS**
STOCKS **PETUNIAS** **SNAPDRAGONS**

Per doz 20c, postpaid. Larger quantities, price on application.

SILVER-LEAVED GERANIUMS

Madame Salleroi—A very compact variety of Silver Geranium; very fine for massing or bordering; a thrifty, healthy grower, rarely reaching a height of more than 6 inches; leaves very small, of a peculiar clear green, edged with pure white.

Assorted Varieties Silver-Leaved Geraniums—10c. each, 3 for 25c, \$1.00 per doz.

SCENTED GERANIUMS

Rose, Lemon and Nutmeg scented.

Each 15c, one each of the three, 40c.

IVY GERANIUMS

The double Ivy Geraniums are remarkably popular at present, and deservedly, for the new Hybrids in richness of color surpass all Geraniums.

Beauty of Castlehill—

Beautiful soft red, extra large.

Jeanne d'Arc—Fine habit, the best double white.

Bride—Pinkish white.

Centenaire—Large purple crimson.

Raphael—Salmon rose.

Robert Owen—Very large rosy red.

Madame Thibault—Rosy scarlet.

Theodore—Dark red.

Any of the above 15c each, 2 for 25c, 6 for 65c.

COLEUS

Our list includes the best varieties that are grown, plants strong and well-grown, sure to give best satisfaction. We will give special prices for large quantities for bedding.

Price—Each 10c, 6 for 50c, per doz 90c, per 100 \$5.

Hydrangeas

Fine Plants

The Hydrangeas are well-known favorites, grown as pot plants, their immense heads of bloom making them very conspicuous. A little shade and plenty of water meet all their needs.

Hydrangea Paniculata
 —See Hardy Shrubs, page 84.

Otaksa—A Japanese variety lately introduced; beautiful large glossy foliage, large heads of pink flowers. 20c each, 3 for 50c.

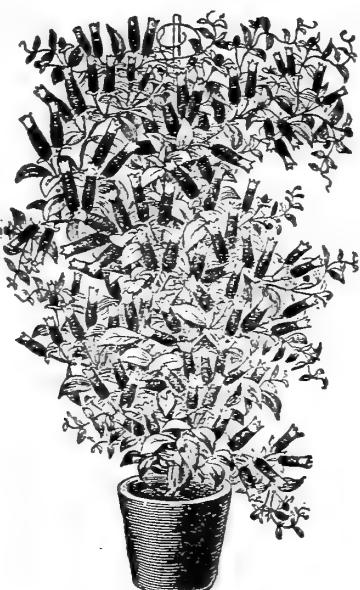
Otaksa Monstrosa—Intense rose, shaded white; borne in large clusters; quite small plants bearing blooms of the most enormous size, and which



Coleus



Heliotrope



Manettia Vine



Grevillea Robusta

MANETTIA VINE

A charming and profuse flowering climber, producing tubular flowers from 1 to 2 inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow. 15c each, 2 for 25c.

GREVILLEA ROBUSTA

A very beautiful shrubby plant with fern-like foliage and rich, golden-yellow trusses of flowers; soon forming fine plants. Plants, each 15c, 2 for 25c.

CHINESE PRIMROSES

Brightest and best of all the easily grown free-flowering window plants. The single varieties with flowers as large as a single half dollar have beautifully fringed, fluted and wavy edges, and even small plants produce a wealth of flowers. Should be grown in a cool place, a north window is suitable. Our plants are of the largest flowered class, grown from seed. Each 25c, postpaid.

RUELLIA LONGIFLORUM

The Christmas Coral Plant. A splendid red flowering plant. It is a most useful plant during the dull winter months, small-sized plants being covered with bright red flowers. The ease with which flowering plants may be had by the end of the year is remarkable. It is not only useful as a winter-blooming plant, it comes in well for planting out in spring, blooming satisfactorily during the summer. (See cut.) 25c each.



Boston Fern

FINE FERNS

We can supply a very choice selection of Ferns, such as Adiantums, *teris*, *Paralia Stricta*, and many others, specially suited for indoor culture, which we offer at 25c each, \$2.50 per doz, postpaid.

BOSTON FERN—Long, graceful fronds, eighteen to twenty inches, hardy; increases rapidly; you can soon "give a slip" to ten friends. Each 25c, postpaid. Larger plants 50c, 75c and \$1.00, by express.



Cyperus or Umbrella Plant



Swainsonia Galegifolia Alba

SWAINSONIA GALEGIFOLIA ALBA

A most desirable ever-blooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. As a decorative plant for the window or conservatory we know of nothing that will give as much satisfaction as the Swainsonia 15c each, 2 for 25c.

CYPERUS, OR UMBRELLA PLANT

A strikingly handsome plant, suitable for the house, of easy culture and sure to give you complete satisfaction. It reproduces itself from the roots and may be subdivided. Each 15c, 2 for 25c.

RUBBER PLANTS

Ficus Elastica—The well-known India rubber tree, one of the very best for table or parlor decoration.

4-inch pots, 10-12 inches high \$0.50
6-inch pots, 18-24 inches high 1.00



Rubber Plant



Kentia Belmoreana

PALMS

SPECIALLY GROWN FOR HOUSE CULTURE.

LATANIA BORBONICA (Fan Palm)—This fine palm is too known to need any extended description, its strong constitution and grand characteristics render it one of the most popular Palms grown.

Fine plants—4-inch pots, 4 to 5 leaves, 50c each; 5-inch pots, 4 to 5, 18 inches high, 90c each; 6-inch pots, 6 to 6 leaves, 18 to 20 inches high each; 7-inch pots, 6 leaves, 24 inches high, \$2.00. Specimen plants—character leaves, 36 inches high, \$4.50.



Cocos Weddelliana

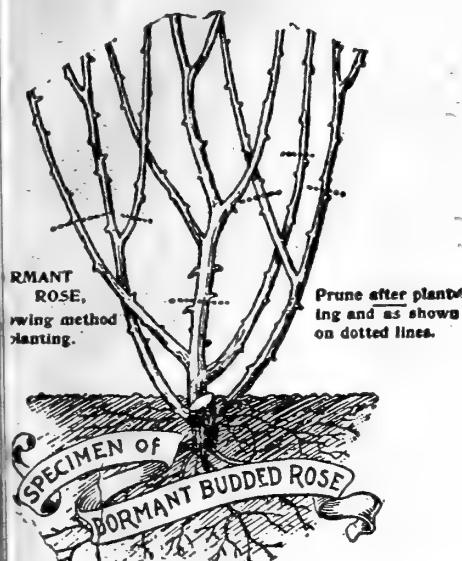
KENTIA BELMOREANA—The Kentia among the best of the Palm species for cultivation, being almost impregnable to diseases. The variety shown in the engraving is one of the best in its class, graceful habit, green foliage, gracefully disposed; as a native plant for the window, table or conservatory it scarcely has an equal. (See cut.) Prices—3-in. pots, 4 to 5 leaves, 10 to 12 in. high 40c
4-in. pots, 5 to 6 leaves, 15 to 18 in. high 50c
5-in. pots, 5 to 6 leaves, 22 to 24 in. high 60c
6-in. pots, 6 leaves, 24 to 26 in. high 70c
7-in. pots, 6 leaves, 30 in. high 80c

ARECA LUTESCENS—One of the most valuable and beautiful Palms in cultivation, with glossy green foliage and rich golden yellow flowers. 50c to \$3.00 each.

COCOS WEDDELLIANA—The most graceful of all the smaller Palms, as of slow growth and maintain their beauty long time. 4 to 6 in. 35c each, 8 in. high

Hardy Roses

Low Budded on Briar Stocks



The illustration shows the character of the plants we supply; also the method of planting and pruning them after being planted. If planted as shown in the illustration, these Roses, although budded, will emit roots where the true Rose joins the Briar stock, and will eventually become established on their own roots. The great value of these budded Roses lies in the fact that they produce better flowers and make stronger plants in a shorter period than those grown from cuttings; and the advantage is that having no soil on the roots, and being dormant, they are of little weight and can be sent cheaply by post or express.

Hybrid Perpetual Roses

fred Colomb—A splendid rose; large, globular, full and very sweet; clear cherry red, shaded with crimson.

American Beauty—The flowers are very double, of a deep crimson and very fragrant.

aron de Bonstettin—Dark red, almost black; very large, double and strong grower.

aronesse Rothschild—A magnificent rose, color rich satiny pink.

Captain Christy—A lovely rose, blooming almost the entire season; large double buds of deep flesh color.

quette des Blanches—Pure white, large and globular.

uchess of Albany—Rich deep pink.

her Holmes—Rich velvety crimson, large double, and of fine form.

eneral Jacquimenot—Brilliant scarlet crimson.

oire de Margottin—Dazzling scarlet.

hn Hopper—Bright rose, carmine centre; flowers large, cupped.

des Margottin—Bright carmine, cupped; very fragrant.

France—Splendid satin rose; large, fine form; a constant bloomer.

uis Van Houtte—Dark velvety crimson, of good form.

arshal P. Wilder—Cherry carmine, large, full, semi-globular flower.

abel Morrison—Pure white, in autumn faintly flushed with pink, very distinct rose.

archioness of Londonderry—Ivory white petals, of great substance, shell-shaped and reflexed, highly perfumed.

me. Gabriel Luizet—Fine satiny rose, very large and full.

agna Charta—Bright pink, suffused with carmine; a beautiful strong, vigorous grower.



Moss Rose

Margaret Dickson—The flowers are of the purest white, of extra large size and of immense substance; vigorous grower with fine foliage.

Merveille de Lyon—Pure white, shaded with satiny rose.

Mrs. John Lang—Delicate pink, with satiny tinge.

Paul Neyron—Very large dark red; an old favorite.

Prince Camille de Rohan—Deep velvety maroon, shaded scarlet.

Ulrich Brunner—Large bright cerise red.

White Baroness—Pure white.

Extra heavy two-year-old bushes 30c each, \$3.00 doz.

12 Select Ever-Blooming Hybrid Tea Summer Roses

That will produce a mass of Roses to cut from the entire season.

Augusta Victoria

—Large creamy white flower, shading deeper towards the centre.

Camoens—Bright glossy rose shaded yellow, very effective.

Clothilda Soupert

—The flowers of this beautiful variety are of a unique color, being of a pearly white, shaded at the centre with silvery rose, and are produced in the greatest profusion.

Etoile du Lyon

—Fine striking sulphur yellow; the most valuable yellow for summer bedding.

Gloire des Polyantha

—Bright rose with white centre; very free bloomer.

Hermosa—Undoubtedly the best pink bedding rose in cultivation.

Mme. Caroline Testout

—A magnificent rose, equally valuable for summer or winter blooming; flowers full, very large, globular form; color clear satin rose; very fragrant. This variety resembles Lafrance, but its color is more deep, vivid and brilliant.

Maman Cochet—It is an extra strong, clean, vigorous grower, producing its charming buds and flowers in the greatest profusion. Its color is of a deep rose pink, the inner side of petals silvery rose. They are borne on long, stout stems, very double and simply exquisite when in bud or half bloom.

Marquise de Salisbury—Brilliant, velvety red, very desirable.

Mosella—Produces beautiful clusters very double ball-shaped flowers which open like a Camellia; the color is a white tint on a beautiful light yellow ground.

Papa Gontier—One of the finest Roses either for out-of-doors or for winter forcing; dark carmine crimson.

Safrano—Saffron yellow.

Viscountess Folkestone—Creamy pink, salmon centre, large and fragrant.

Strong flowering two-year-old bushes, 40c each, \$4.00 doz.



Hybrid Perpetual—Margaret Dickson

HARDY CLIMBING OR PILLAR ROSES

The following list comprises the best of the hardy Roses which are of climbing habit, and suitable for training on pillars, verandas, etc.

Aimee Vibert—A good rose. Pure white, very full.

Chas. Lawson—Vivid rose, large and full.

Felicite Perpetue—Creamy white, beautiful.

Flora—Rosy flesh color.

Myrianthes Renoncule—Blush, edged with rose, an evergreen variety.

Reine Marie Henriette—Rich cherry crimson.

Sweet Briar—True old English, rosy pink.

Vivid—Vivid crimson, very showy, a fine climbing rose.

White Microphylla—Very free bloomer.

W. A. Richardson—Orange yellow, entirely new shade, very desirable.

Yellow Persian—Bright golden yellow, hardy yellow climbing rose.

Strong two-year-old flowering bushes, plants, 85c each, \$3.60 doz.

DAMASK ROSES

These four old Roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

Cabbage, or Provence—Rosy pink flowers.

Madame Hardy—Beautiful large double white flowers.

Madame Plantier—Pure white, and a free bloomer; unrivalled for hedges or cemetery use.

White Provence—Pure white, delightfully fragrant.

Strong two-year-old flowering bushes, 35c each; the set of 4 for \$1.25.

MOSS ROSES

A class of Roses which is a general favorite. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

Blanche Moreau—Lovely pure white, large and full.

Comtesse de Murinais—Large white, beautifully mossed.

Crested Moss—Deep pink, crested.

Glory of Mosses—Color rich glossy pink, tinged crimson.

Salet—Bright pink, blush edge, large and full, mossy.

Mrs. Wm. Paul—Clear rosy.

Nuits de Young—Velvety purple, very double,

Strong two-year-old flowering bushes, 40c each; set of 7 \$2.25.



Climbing or Pillar Rose—
Aimee Vibert

THE FOUR RAMBLERS



The Grand Rose, Crimson Rambler

These climbing Roses are of vigorous growth making shoots from 8 to 10 feet in height during a season, and are consequently most desirable climbing varieties; when pegged down or grown bushes, marvellous heads of bloom are the result. They are exceedingly hardy. The flowers are produced in large trusses of pyramidal form.

Crimson Rambler—Strong bushes at 25c each; \$2.50 doz. Extra strong two year old bushes at 40c each; \$4.00 doz.

Yellow Rambler (A glaia)—Extra strong two year old bushes 40c each; \$4.00 doz.

White Rambler (Thalia)—Extra strong two year old bushes 40c each; \$4.00 doz.

Pink Rambler (Euphrosyne)—Similar in habit to the White and Yellow Ramblers except

color, which is a pure rose color, the partially open buds being bright carmine. The numerous yellow stamens lend an additional charm to the flower. Strong two year old bushes, 40c each; \$4.00 doz.

SPECIAL OFFER—One each of the 4 Ramblers, extra strong bushes for \$1.35.

THE MEMORIAL ROSE (Rosa Wichuriana)

A beautiful single rose from Japan, blooms in clusters. Flowers fragrant, single, pure white, from 6 to 8 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit; prostrate trailing habit. Valuable for covering low walls, banks or rockeries, and for covering graves in cemeteries. It is perfectly hardy. Extra strong plants 40c each \$4.00 doz.

ROSA RUGOSA

The lovely Romansa or Rugosa Roses form sturdy bushes 3 to 5 feet high, covered with glossy foliage, and clusters of beautiful single flowers which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with red seed pods. **Rosa Rugosa**—Fine glossy crimson. **Rugosa Alba**—Pure white. Extra strong plants 40c each; \$4.00 doz.

MARECHAL NIEL (Noisette)

A rose so famous as to hardly need a description here. The most beautiful large golden yellow grown; very full and double and exceedingly fragrant. It is a natural climber, and should not be pruned too short. We keep several sizes; the largest size gives the most satisfactory results. Two year old plants each 60c.

Lord Penzance's Hybrid Sweet Briars

These are crosses between the Common Sweet Briar and various old-fashioned Garden Roses; the flowers are single or semi-double. The plants perfectly hardy, and the foliage is as sweetly scented as the Common Sweet Briar.

Amy Robsart—Lovely deep rose, an abundant bloomer, robust and free.

Anne of Gierstein—Dark crimson, graceful branching habit.

Lady Penzance—Beautiful soft tint of copper, with a peculiar metallic lustre; the base of each petal is a bright yellow, very free flowering, with a delicious perfume from foliage and flower.

Lord Penzance—Soft shade of fawn or ecru passing to the lovely lemon yellow in the centre, sometimes toned with a most delicate pink; very sweet-scented.

Lucy Ashton—Pretty white blooms with pink edges, not so large as some others, wonderfully free flowering; free grower, foliage very sweet.

We offer strong two-year-old budded plants of the above at 40c each, the set of 5 for \$1.75, doz \$4.00.

Roses for Cemetery Planting

Camoens—Bright glossy rose, shaded yellow.

Marquise des Salisbury—Brilliant velvety red.

Clothilde Soupert—Pearly white, shaded at the centre with silvery rose.

Magna Charta—Bright pink, suffused with carmine.

Coquette des Blanches—Pure white, large globular flowers.

THE MEMORIAL ROSE (Rosa Wichuriana)—Flowers fragrant, single, pure white.

Etoile du Lyon—Fine striking sulphur yellow.

Gen. Jacqueminot—Brilliant scarlet crimson.

Hermosa—Undoubtedly the best pink.

Mosella—A white tint on a beautiful light yellow ground.

Mad. Plantier—White.

Strong two-year-old flowering bushes, each 40c; doz \$4.00.



Lord Penzance's Sweet Briars

HARDY PERENNIALS

Achillea, The Pearl—The flowers, which are borne in the greatest profusion the entire summer on strong, erect stems, are the purest white. Each 20c, doz \$2.00.

Achillea, Serrata, fl. pl.—Same as Achillea, The Pearl, but flowers later. Each 20c, doz \$2.00.

Anemone Japonica

They commence to bloom in August and increase in beauty until frost.

Alba—Flowers of the purest white with yellow centre.

Rubra—Showy rose-colored flowers, with distinct yellow centre.

Double White, "Whirlwind"—Excellent double white flowers, 2½ to 3 inches across, held up on stems 10 to 12 inches long. Very desirable for cut flowers.

20c each; doz \$2.00.

Anthericum Liliastrum (*St. Bruno's Lily*)—A beautiful plant with narrow grass-like foliage, and long spikes of white, fragrant, lily-like flowers. Each 20c, doz \$2.00.

Aquilegia Crysanthia (*Yellow Flowered Columbine*)—2½ feet high, forming a bush two or three feet across, which is covered for two months with golden yellow flowers with long stamens. Each 20c, doz \$2.00.

Arabis Alpina (*Rock Cress*)—Specially adapted for the rock garden, but succeeds equally well in the border, where it forms a dense carpet which is completely covered early in the season with white flowers. Each 20c, doz \$2.00.

Bleeding Heart (*Dicentra Spectabilis*)—These pretty spring flowers, with their graceful drooping sprays of heart-shaped red and white flowers, are very ornamental, and bloom freely in early spring. Each 15c, 3 for 40c, doz \$1.50.

Campanula (*Canterbury Bells*)—Purple and white. Each 20c, doz \$2.00.

Clematis Davidiana—A shrubby plant from two to four feet high, with fresh, bright foliage. Flowers are long, tubular, bell-shaped, of a deep rose color, and of delicious fragrance. Each 25c, doz \$2.50.

Correopsis Lanceolata—(See Illustration)—This golden Correopsis begins to flower early in June, and continues to flower until cut down by the freezing weather; it is continually one mass of golden yellow. It is easily grown, perfectly hardy and succeeds in any position; once planted it cares for itself. Large clumps, which will flower first season, 20c each, \$2.00, per 100 \$14.00.

Dianthus Plumarius (*Pheasant Eye Pink*)—Of dwarf, compact habit, blooming the entire summer; violet rose with deep crimson centre. Each 20c, doz \$2.00.

Dictamnus Fraxinella—A very showy border perennial, forming a bush about 2½ feet high, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant, volatile oil, which explodes in a match is applied to it. Each 25c, doz \$2.50.

Dianthus, Pinks (in variety)—Each 20c, doz \$2.00.

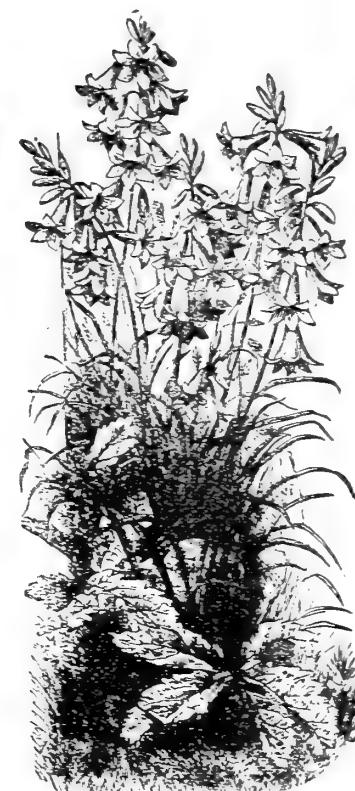
Delphiniums (*Hardy Larkspur*)—The hardy Larkspurs are one of the most important and most satisfactory plants in the herbaceous garden, and should be planted extensively even in the smallest garden. Their long spikes of various shades of flowers are produced continuously from June until late in the fall, if the precaution is taken to remove the flower stems before they can produce seed. Each 20c, doz \$2.00.

Digitalis (*Foxglove*)—(See Illustration)—Stately growth, fine for shrub borders and other half-shady places; three feet. Each 20c, doz \$2.00.

Doronicum Excelsum—A strong growing perennial with large heads of bright yellow flowers 3 to 4 inches in diameter. Each 25c, doz \$2.50.



Correopsis
Lanceolata



Anthericum Liliastrum

Eulalia Japonicam Zebrina (*Zebra Striped Grass*)—Variegated, having bars of yellow running crosswise, not longitudinally as in the ordinary form of variegation; easily grown. Each 25c, doz \$2.50.

Eulalia Zebrina (*Zebra Grass*)—The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn. 25c each, doz \$2.50.

Funkia Alba (*Day Lily*)—Pure white lily-shaped, fragrant flowers, borne in large clusters. Each 25c, doz \$2.50.

Gaillardia Grandiflora—(See Illustration)—The flowers are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermillion, and often a combination of all these colors in one flower. Each 20c, 6 for \$1.00, 12 for \$2.00.

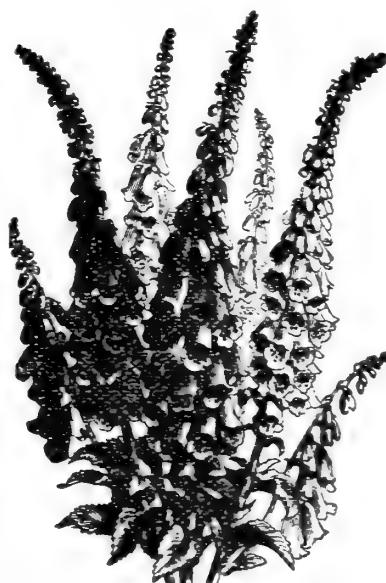
Gypsophila Paniculata (*Baby's Breath*)—A beautiful old-fashioned flower, possessing a grace not found in any other perennial. When in bloom it forms a symmetrical mass of minute pure white flowers, forming a beautiful gauze-like appearance. For cutting purposes it is exquisite, especially in combination with high-colored flowers. 20c each, doz \$2.00.

Heuchera Sanguinea—About two feet high. The flowers are produced in loose, graceful spikes, and come in the greatest profusion. In color it varies from light coral red to crimson. Each 20c, doz \$2.00.

Hemerocallis Flava (*Lemon Lily*)—Lemon colored flowers, excellent for planting among shrubbery. Each 15c, doz \$1.50.



Bleeding Heart



Digitalis or Foxglove



Gaillardia
Grandiflora

Helianthus Multiflorus, fl. pl. (Double Hardy Sunflower)—An extremely useful, hardy plant; it bears profusely large double flowers of a bright yellow color. Each 20c, doz \$2.00.

Hibiscus (Perennial Mallow)—The flowers are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow from 5 to 8 feet high and form dense bushes, which are a complete mass of bloom. Each 25c, doz \$2.50.

Hypericum Moserianum—A new evergreen shrub 2½ feet high, which is covered with large flowers from May until fall. They are about 2½ inches in diameter, of the richest pure golden yellow, while the petals are of great substance. It is really an EVER BLOOMER. Each 20c, doz \$2.00.

HOLLYHOCKS DOUBLE—Hollyhocks are among the finest permanent garden plants, making a great display with little or no care. Double White, Yellow, Pink, Crimson and Scarlet. Price for two-year old plants 20c each, doz \$2.00. We can also supply good plants at 15c each, \$1.50 doz.

Lychnis Chalcedonica—Produces head of vermillion scarlet flowers, exceeding in brilliancy many double Geraniums. Each 20c, doz \$2.00.

Lychnis Plenissima Semperflorens—The flower, of a beautiful tender rose color, is produced on long bushy spikes. It is very pretty for bouquets and we recommend all to try it. Price 20c each, doz \$2.00.



found among them, and they will thrive in almost any soil without any care whatever. Strong roots 10c each, \$1.00 doz.

Paeonies

Magnificent, hardy plants, almost rivalling the rose in brilliancy of color and perfection of bloom. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well-established.

Herbaceous Chinese—Double White—Each 25c, 5 for \$1.00, doz \$2.00.

Double Rose—Each 25c, 5 for \$1.00, doz \$2.00.

Finest Double Mixed—Each 25c, 6 for \$1.00, doz \$1.75.

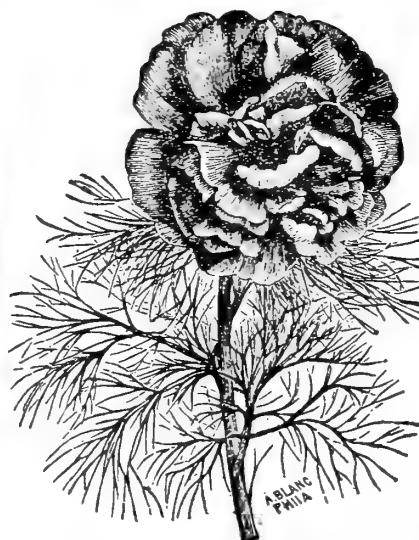
Paeonia Officina's—This type is one of the earliest to flower, coming in fully a week earlier than the general list of herbaceous sorts. We offer two distinct colors. All are strong growers and produce very large blooms. **Rubra**—rich crimson; **Alba**—blush white. 30c each \$3.00 doz.

Paeonia Tenuifolia—Interesting and handsome, not only on account of their rich crimson flowers, which resemble in color the Gen. Jacqueminot Rose, but the fine feathery foliage makes them a handsome ornamental plant, even if they never produced a flower. Always scarce and much sought after. (See cut.) **Double-flowering**—30c each, \$3.00 doz.

Tree Paeonies—Instead of dying down to the ground every winter, like the herbaceous variety, it grows into a hard wooded shrub. The flowers are the same in form as the common variety, but of a light pink or blush color. Strong plants, 75c.



Chinese Paeony



Paeonia Tenuifolia

Myosotis (Forget-me-not)—Palustris Semperflorens—A variety that is hardly ever out of flower; useful on the rockery or in a shady spot in the border. 20c each, doz \$2.00.

PENTSTEMON GENTIANOIDES—Graceful in growth, while the elegant beauty of their pyramidal spikes of large Gloxinia-like flowers elicits the admiration of all. 20c each, \$2.00 doz.

Iceland Poppies—These Poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious lilac-like fragrance, blooming from June to October. Mixed colors, each 20c doz \$2.00.

Oriental Poppy—Large flowers, 6 inches across, of the brightest imaginable scarlet, height 3 to 4 feet. 20c each, \$2.00 doz.

Phlox

Their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations and a rich soil.

Changy—Rich rose, dark centre.

Chas. Turner—Purple rose.

Cross of Honor—Striped pink and white.

Edgar Quinet—Rich salmon red.

Mad. de Vatis-meuil—White with pink eye.

Mad. Meisett—Pink, crimson centre.

Mad. Laison—Blush.

Pearl—Finest white.

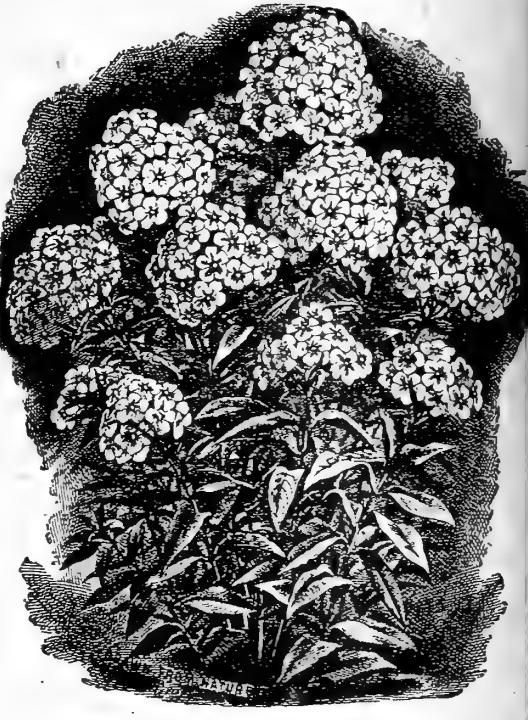
Richard Wallace—White with purple centre, fine.

Ruy Bias—Purple.

Sir Edwin Landseer—Very fine, rich crimson.

Virgo Marie—White, early. Each 15c, doz \$1.50.

Phlox Amœna—A dwarf-growing species, attaining a height of only 6 inches, completely covered with bright pink star-like flowers during April and May. 15c each, \$1.50 doz.



Pinks

Albino—Large white.

Alice Lee—Cream or blush white.

Her Majesty—Extra fine white.

Perennial Phlox

Homer—Rosy red, dark centre.

Souvenir de Sale—Rich pink.

PYRETHRUMS

Double—Hardy Chrysanthemums in beautiful double varieties. Each 25c doz \$2.50.

Single—Hardy Chrysanthemums in beautiful single varieties. Each 25c doz \$2.50.

Ulinosum—Pure white Aster like flowers, about 3 inches in diameter. Each 20c, doz \$2.00.

Rudbeckia "Golden Glow"—Attaining a height of 4 to 6 feet. It begins to flower early in the season, and continues until late in the fall. The flowers are produced in enormous quantities on long stems and resemble a fine double golden yellow Cactus Dahlia. 20c each \$2.00 doz.

Spiraea Filipendula fl. pl. (Double flowered Drop-wort)—Numerous corymbs of double white flowers and pretty fern-like foliage.

Sweet William—Mixed colors. Each 15c doz \$1.50.

Thalictrum Adiantifolium (Maiden Hair Thalictrum)—A beautiful plant rivalling the Maiden Hair Fern in the delicacy of its foliage, but hardy. Each 25c, doz \$2.50.

Tritoma Uvaria—Often called the "Torch Lily," or "Red Hot Poker, on account of its dense spikes of flame-colored flowers. It blooms in August and is very striking when planted singly on the lawn. Each 20c, 3 for 50c doz \$2.00.

Valeriana Officinalis (Garden Heliotrope)—Large trusses of lavender flowers, 3 feet high. Each 25c, doz \$2.50.

Violet California—The finest single violet. The flowers, which are very large, are borne on long, stout stems, which makes it especially valuable for cutting; they are very fragrant and of a clear violet purple color.

Plants 15c each, \$1.50 doz.

Violet, Double Russian—A perfectly hardy double blue violet, deliciously fragrant, deep in color, and very free flowering. Each 20c, doz \$1.50.

Violet, The Farquhar—An exquisite ever-blooming violet, with very long stemmed double flowers of a deep color. Each 20c, 4 for 60c, \$1.50 doz.

Special Offer—We will supply from the above list, our selectio
choicest kinds, one dozen plants for \$2.00.

Or we will supply from the above list, our selection ordinary kinds, one dozen plants \$1.50.

CLEMATIS



Type of Large Flowering Clematis

Jackmanni Alba—Fine pure white.

Lawsoniana—Purple, darker veins.

Madame Van Houtte—White, fine.

Mad. Baron Veillard—Light rose, shaded lilac.

President—Satin blue.

EACH 60c, PER DOZ \$7.00.

Fragrant and Small-Flowered Clematis

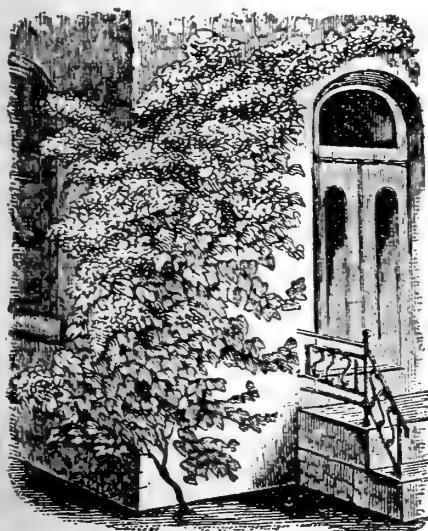
PANICULATA (Sweet-Scented Japanese Clematis)—A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. These flowers appear in late September, at a season when very few other vines are in bloom, being an added merit of great consequence. Good strong plants, each 25c, 5 for \$1.00; 3-year-old plants, each 50c.

Flammula "Fragrant Virgin's Bower"—This is an old and well-known species; flowers pure white, deliciously fragrant. The plants attain the height of 20 feet, and when trained on trellis work, and in full bloom, look like a mass of snow; hardy. Each 30c, per doz. \$3.00.

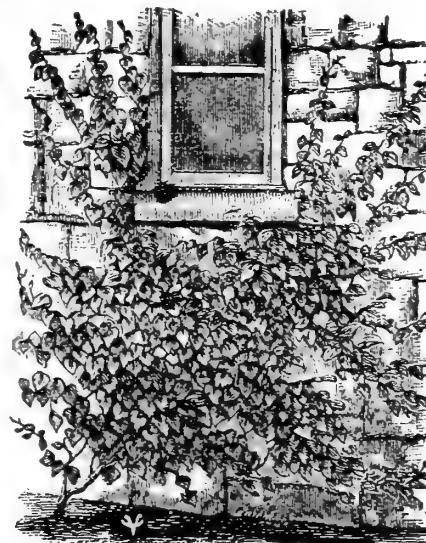
Clematis Virginiana—A rapid, strong-growing variety, producing a profusion of white flowers during July and August. Each 30c, 4 for \$1.00.

Clematis Coccinea—A very handsome, hardy climber, bearing thick bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. Each 60c.

Clematis Crispa—A very beautiful species, bearing an abundance of pretty bell-shaped, fragrant, lavender flowers with white centre. Blooms from June until frost. Each 35c, 2 for 60c.



Clematis Paniculata



Ampelopsis Veitchii (Boston Ivy)

Plant in a sunny spot in good garden soil dug very deep. We recommended the application of well-rotted manure in holes a few inches away from the plant in opposite directions. The feeding roots reach out to these holes, which may be watered freely, with better success than when the manure is applied directly to the base of the plant.

Large Flowering Varieties

Henryi—Creamy white, large and handsome.

Duchess of Edinburgh—The best of the double pure whites, deliciously scented.

Gypsy Queen—Very finest purple variety; strong, free bloomer.

Boskoop Seedling—Large lavender.

Jackmani, Large-Flowering—This variety, with its strong, healthy growth, hardy nature and rich, deep velvety purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion from July to November on shoots of the present season; should be pruned early in spring.

AKEBIA QUINATA

A perfectly hardy, fast growing Japan vine, with magnificent foliage, producing flowers in large clusters of chocolate purple color, possessing a most delicious perfume; unsurpassed for covering trellises and verandas, the foliage never being attacked by insects. Each 50c.

HARDY PASSION FLOWER

Constance Elliott—An excellent climbing vine. The flowers are large, remarkably handsome and attractive, highly perfumed. Color pure ivory white with raised centre. Hardy in open ground if given a light covering of leaves or litter during winter. Each 25c, doz \$2.50.

BIGNONIA (Trumpet Creeper)

For covering unsightly places, stumps, rock-work or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size.

Grandiflora—Large flowered Trumpet Creeper, bearing blooms of orange red color. Each 50c.

Radicans—Dark red, orange throat; free blooming and very hardy. Each 30c, 4 for \$1.00, doz \$3.00.

COBÆA SCANDENS

A beautiful climber of rapid growth, bearing large, purple, bell-shaped flowers. Large plants, each 20c, 3 for 50c.

HONEYSUCKLES

Monthly Fragrant (Halleana)—Beautiful variegated flowers; blooms all the summer. Strong plants, each 50c.

Scarlet Trumpet—A strong, rapid grower; bright scarlet flowers, blooms all the summer. Strong plants, each 50c.

Yellow Trumpet—A very robust rapid grower; yellow flowers, blooms all the summer. Strong plants, each 50c.

CHINESE WISTERIA

This is one of the most popular of our hardy vines, growing very rapidly, climbing to a height of 50 feet or more; when in bloom is truly magnificent. It flowers in early spring in long, drooping racemes, resembling in size and shape a bunch of grapes.

Blue—Flowers in clusters, pale blue, sometimes gives a second crop of flowers in fall. Strong plants, each 50c.

White—Flowers in long drooping clusters, as in blue varieties, pure white color most striking. Strong plants, each 50c.

ENGLISH IVY

A splendid evergreen, well-known climber, glossy green leaves, cling firmly to stone or brick walls. Each 25c, doz \$2.50.

ARISTOLOCHIA SIPHO

Dutchman's Pipe—A vigorous growing vine with heart-shaped leaves and curious pipe-shaped flowers; one of the very best climbing vines known hardy, rapid grower, best for porches, verandas and sides of dwellings 1st size, each 50c, doz \$5.00; 2nd size, each 30c, doz \$3.50.

BOSTON IVY

Ampelopsis Veitchii (Boston Ivy)—This very attractive clinging vine will be readily recognized by our readers when we remind them that its glossy ivy leaves overlap each other, and its long, delicate young shoots stretch up the stone walls of our finest city residences. The tendrils at nearly every joint cling firmly to the smoothest surface of rock or wood. The glossy leaves assume in the Autumn the most beautiful tints of scarlet and crimson. It is quite hardy, but some protection of straw may well be used immediately around the plant in winter. We quote many sizes. Small plants 20c, 3 for 50c. 7 for \$1.00; strong plants 40c, 3 for \$1.00, doz \$3.75.



Honeysuckle



Bignonia Radicans

A very well-known rapid grower; like the Bignonia and Ivy, it throws out roots at the joint, by which it fastens itself to anything it touches. Small plants 20c; large strong plants 40c, doz \$4.50.

ORNAMENTAL SHRUBS

Positively no Shrubs or Ornamental Trees sent out C.O.D.



Lilac Blossom

just enough to be airy and graceful. It is perfectly hardy; flowers pure white.

Elbert, Purple-leaved—Remarkable purple leaves, distinct and fine.

Fringe, Purple, or Smoke Tree (*Rhus Cotinus*)—Has very curious bloom, which, when covered with dew, resembles a cloud of smoke or mist.

Golden Elder (*Sambucus nigra var. aurea*)—A handsome variety, with golden yellow foliage. A valuable plant for enlivening shrubberies.

HYDRANGEA PANICULATA GRANDIFLORA

This is the finest hardy shrub in cultivation, and endures heat and cold. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks. Price, 1st size 75c, 2nd size 50c, 3rd size 25c.

Honeysuckle, Tree-Shaped or Tartarian

Desirable shrubs with handsome dense foliage, and covered in May with profusion of delicate small flowers, followed by rich orange-colored berries.

Lilac, White, Red and Purple (*Syringa Vulgaris*)—Well-known, handsome large shrubs. Flowers in clusters, exceedingly fragrant, and beautiful.

Lilac, White Persian—Slender growing shrubs, more delicate and graceful than the above; white flowers, very handsome and fragrant.

Privet, Laurel-leaved—A handsome shrub, with spikes of white flowers in June, and clusters of black berries like currants; makes a beautiful hedge.

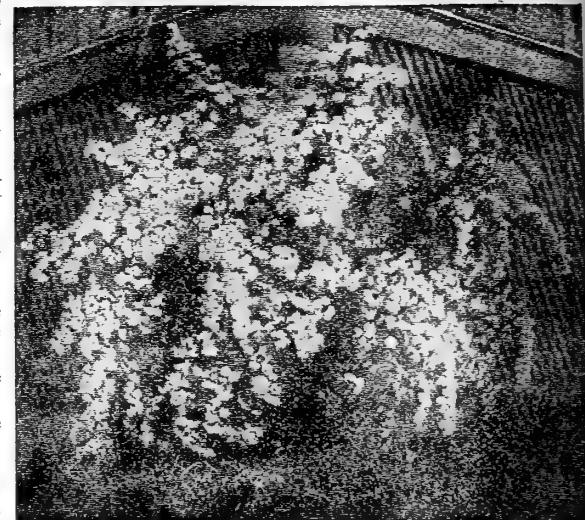
Prunus Triloba—A new large shrub from China, with slender branches and pink flowers in profusion.

Quince, Japan (*Pyrus Japonica*)—A shrub with spreading branches like the common Quince, which presents a splendid appearance in May, when covered with large, brilliant scarlet flowers.



Azalea Mollis

Price Extra Strong Bushes each 50c; doz \$5.00.



Spiraea Van Houttei

Spiraea, Anthony Waterer—Flowers bright crimson, finest of all crimson varieties.

Spiraea Prunifolia (*Bridal Wreath*)—Handsome shrub, white daisy-like flowers in May; one of the best.

Spiraea Eximea—Flowers a bright rose, blossoms in July.

Spiraea Van Houttei—Large clusters of white flowers hanging in graceful racemes.

Spiraea Bumalda—Red, blossoms a long time.

Syringas (*Philadelphus or Mock Orange*)—Several kinds, well-known, hardy desirable shrubs, with handsome white flowers, some quite fragrant.

Syringa, Golden Leaved (*Philadelphus aurea*)—Pretty plant of medium size: golden-yellow foliage; retains its color the entire season; valuable for creating contrasts with green and purple-leaved shrubs.

Snowball (*Viburnum Sterile*)—An old favorite spreading shrub; covered in June with handsome white flowers.

Snowball, Chinese (*Viburnum Plicatum*)—from North China; has rich deep green foliage and pure white flowers; quite distinct from the common sort.

Snowberry (*Symporicarpus Racemosus*)—Pink flowers in summer, large white waxy berries in autumn.

Weigelia Amabilis or Splendens—Resembles Rosea, leaves and flowers somewhat larger.

Weigelia, Variegated Leaved—Leaves variegated, flowers rose color.

Weigelia Van Houttei—A hardy, vigorous-growing sort, bearing a profusion of deep rose colored flowers in May and June.

Weigelia Rosea—A hardy, handsome Chinese shrub, blossoming in June; flowers a beautiful blush, changing to a deep rose color.

ORNAMENTAL TREES

Upright Deciduous Trees

Ailanthus (*Tree of Heaven*)—Tall and rapid growing, feathery foliage.

Ash-Leaved Maple—Hardy, rapid grower, leaves resembling the Ash.

American Sweet Chestnut—Unrivalled for its symmetrical form, rich, glossy foliage, and long pendant blossoms.

Black Walnut—Majestic form, foliage beautiful.

Butternut, or White Walnut—A fine, hardy tree, producing nuts.

Horse Chestnut—A well-known tree, with an abundance of flowers.

Hardy Catalpa—Rapid grower, with immense leaves, often measuring one foot in width, by two feet in length. Suited to all soils.

European Larch—Rapid growing pyramidal tree; branches drooping.

Maiden Hair Tree—Rapid growth, rich, glossy, fern-like foliage.

Mountain Ash—Hardy; covered with clusters of scarlet berries.

Mulberry—A fine, rapid growing tree, with delicious fruit.

Oak-Leaved Mountain Ash—Hardy, foliage simple, deeply lobed.

Poplars—Each 35c.

Silver Maple—**Norway Maple**—**Sycamore Maple**.

Thorn—Paul's Double Scarlet. Flowers large, deep carmine scarlet.

Thorn—Double white flowering.

Price, except where noted, 75c each, \$7.00 doz.

Weeping Deciduous Trees

Cut-Leaved Weeping Birch—Vigorous and hardy. Price \$1.50 each.

Kilmarnock Weeping Willow—Exceedingly graceful, with large, glossy leaves; hardy. Price \$1.00 each.

Weeping Mountain Ash—A beautiful tree, with straggling weeping branches. Price \$1.00.

Weir's Cut-Leaved Maple—A variety of silver maple, with cut or dissected foliage. Price 75c each.

Hedge Plants

Privet—A handsome shrub, with spikes of white flowers, 18 to 24 inches high. Per doz \$1.00, per 25 \$1.50, \$5.00 per 100.

Box, Dwarf—Used principally for borders and edging, for which purpose it is the best plant in cultivation. 10c each; \$3.00 per 100.

Evergreen Trees

	Height	Each Doz	10
Arbor Vitae (<i>American</i>)—Commonly known as cedar; fine for hedges	12 to 15 in.	15c	\$1.50 \$10
Arbor Vitae (<i>Pyramidalis</i>)—Tall and compact	20 to 24 in.	35c	3.75
Arbor Vitae (<i>Hovey's Golden</i>)—Light green with golden tinge	20 to 30 in.	40c	4.50
Arbor Vitae (<i>Siberian</i>)—Very hardy, full foliage, fine for hedges	20 to 30 in.	40c	4.50
Arbor Vitae (<i>Globosa</i>)—Dense, globe-shaped, fine for cemeteries	15 to 18 in.	40c	4.50
Juniper (<i>Irish</i>)—Fine for pyramidal effects	18 to 24 in.	35c	3.75
Juniper (<i>Japanese</i>)—Dwarf, dense light green foliage	24 to 30 in.	40c	4.50
Austrian Pine —Strong, hardy grower	24 to 30 in.	30c	3.00
Scotch Pine	15 to 20 in.	25c	2.50
Norway Spruce	12 to 15 in.	20c	2.00
"	15 to 18 in.	25c	2.25
"	18 to 24 in.	30c	2.50

Special prices on application for larger quantities.

Simmers' Select List of Nursery Stock

Positively no Trees sent out C.O.D.

WISMER'S DESSERT APPLE

A VARIETY OF CANADIAN ORIGIN

In the eating qualities of the fruit, we say that the world has never seen its equal for high aroma, exquisitely delicious flavor, and juicy, melting, buttery, pear-like texture, well-developed specimens being almost as luscious and fibreless as a Bartlett pear.

The fruit is medium to large in size, smooth, round, but obscurely five-sided; beautifully colored with yellow, and shaded with bright red in stripes and blotches; marked with russet dots; very handsome. Season, winter, keeping well till March, and later.

Sold only under originator's seal, \$1.00 each.

STANDARD APPLES

STANDARD APPLES are intended for orchards, and are usually planted when 5 to 7 feet high. The varieties in this list can be recommended as THE BEST now in cultivation in Canada.

Summer Apples

Astrachan Red—Large, roundish, nearly covered with crimson and thick bloom; rich, acid; hardy tree, vigorous grower, good bearer. August.

Early Harvest—Medium to large size, yellow, tender, with a mild flavor; a good bearer. Aug.

Tetofsky—A Russian variety, profitable for market growing; bears usually the second year, and bears every year; hardy as a Crab; fruit good size, yellow, beautifully striped with red; juicy, pleasant, acid, aromatic. July and August.

Yellow Transparent—Rich, transparent lemon yellow color. Flesh melting, juicy, pleasant sub-acid. Ripens ten days earlier than Early Harvest. Price 30c each, \$3.50 doz.

Autumn Apples

Alexander—Very large and beautiful, deep red and crimson; one of the most showy apples in cultivation, and very productive. Oct. and Nov.

Colvert—Large, with a handsome red cheek; rapid grower and hardy. November.

Duchess of Oldenburg—Large, beautiful, roundish, red and yellow; tender and juicy; bears young and profusely. Very hardy.

Fameuse—Commonly known as "Snow." Hardy. October and November.

Gravenstein—Large, striped, round; first quality. Hardy, productive and generally esteemed. October.

Haas Queen—Large, slightly conical, splashed and mottled with light red; flesh white, sub-acid. The tree is the fastest grower we have.

St. Lawrence—Large, red and yellow; crisp, vinous, tender; good. Free grower. October.

Twenty Ounce—Very large, showy, prolific, well-known. Price 80c each, \$8.50 doz.

Winter Apples

Baldwin—Large, brown red, very prolific. January to April.

Ben Davis—Vigorous, large, moderately juicy, sub-acid; the trees bear well. Dec. to Feb.

Grimes' Golden—Vigorous, large, golden yellow; juicy, slightly sub-acid. Tree is tender. January to April.

Hubbardston—Large, brown red, juicy, fine. January to May.

Wagener—Moderate grower, bears very young and profusely; yellow and crimson; juicy, sub-acid. January.

Golden Russet—Vigorous, medium, crisp, juicy, mild, sub-acid, hardy, very good, long keeper. November to May.

King of Tompkins—A very large, red apple; tree grows and bears well. November to May.

Northern Spy—Vigorous and hardy, large, striped, red, tender, juicy, mild, sub-acid. Late.

Mann—Medium to large; deep yellow, juicy, mild, pleasant, sub-acid; hardy. Good grower. January to April.

Pewaukee—Vigorous, hardy, bright yellow, with red; tender, juicy, sub-acid. January to May.

Talman Sweet—Hardy and vigorous; medium; yellow, firm, rich, sweet. November to April.

Tulpehocken—Strong grower, productive, juicy, crisp, pleasant flavor; very large, globular; yellowish green, dull red cheek. Jan. to March.

Walbridge—Vigorous, hardy, productive, medium size; yellow and red; crisp, juicy, good. January to May.

Wealthy—Free in growth and very hardy; large, dark red; juicy, vinous, sub-acid, good. December to March.

R. I. Greening—Large, green, fine grained, rich, sub-acid. A little tender in northern sections. Late. Price 30c each, \$3.50 doz.

CRAB APPLES

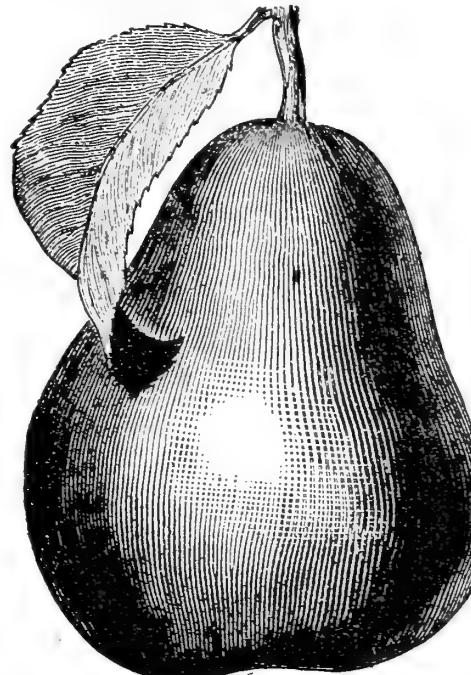
General Grant—A beautiful Crab for ornament and preserving, and for eating out of hand. Color red; fruit is large, tender and juicy.

Hyslop—Vigorous, large, deep crimson, sub-acid. September.

Transcendent—Vigorous, medium, red and yellow, a beautiful variety of the Siberian class. September.

Whitney's Seedling—New, large, hand-somely splashed with carmine, fine quality; heavy, yearly bearer. Sept. and Oct.

Price 50c, \$5.50 doz.



STANDARD PEARS

STANDARD PEARS are grown upon Pear stocks and Dwarfs upon Quinces.

Summer Pears

Bartlett—Vigorous, large, yellow and red, juicy, buttery, with rich musky flavor; very good. September.

Brandywine—Free grower, medium size, yellow and russet, melting, juicy, good. August.

Clapp's Favorite—A cross between Bartlett and Flemish Beauty; fruit resembles the former.

Tyson—Medium, yellow and russet, melting, juicy, sweet, free, vigorous grower and good bearer. August.

Wilder Early—Handsome, delicious early Pear. August. Price 50c each, \$5.50 doz.

Autumn Pears

Duchess D'Angouleme—One of the very largest Pears grown; greenish yellow, sometimes a little russetted. October and November.

Flemish Beauty—Large, beautiful, juicy, melting, rich, strong grower, good bearer. Sept. and Oct.

Kieffer—Large, rich, golden, slightly coarse, juicy, with pronounced Quince flavor. October and November.

Seckel—Medium brown, highest flavor. September and October.

Sheldon—Large, russet and red, melting, rich, delicious, hardy, vigorous and productive. October. Price 50c each, \$5.50 doz.

Early and Late Winter Pears

Anjou—Very large, pyriform, greenish yellow, buttery and juicy. November and December.

Clargeau—Very large, handsome and showy; yellow and red, juicy, vinous, valuable for market. November and December.

Lawrence—Medium to large, golden yellow, melting, pleasant, aromatic. Nov. and Dec. Price 50c each, \$5.50 per doz.

PEACHES

Crawford's Early—A superb yellow Peach of good quality; a productive and early sort. Sept.

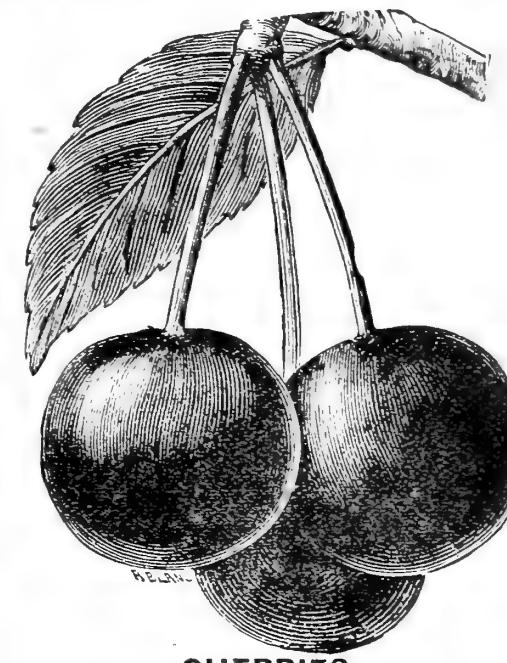
Crawford's Late—Resembles Early Crawford, but later.

Early York—Medium size, white, with purplish red cheek; one of the best. July.

Early Rivers—Large, color creamy white, with a delicate pink cheek; melting, rich and juicy.

Early Canada—A seedling raised by Abraham High, Jordan, Ont., resembles the Alexander and ripens about the same time.

Price 35c each, \$4.00 doz.



CHERRIES

Cherries succeed well on dry soil, can be trained in any form that taste or circumstances require.

May Duke—An English variety of large size. Tree erect and hardy. Fruit rich and good. Middle of June.

Black Tartarian—Large, mild, pleasant flavor, purplish black, good bearer. End of June.

Early Richmond—Medium red, juicy, acid. June.

English Morello—Large, dark red, sub-acid, good.

Governor Wood—Medium large, clear light red, juicy and delicious. End of June.

Yellow Spanish—Large, pale yellow with red cheek, juicy, delicious and sweet. End of June.

Louis Philippe—Large, dark, juicy, with a mild sub-acid flavor, tree vigorous, hardy and productive. Best.

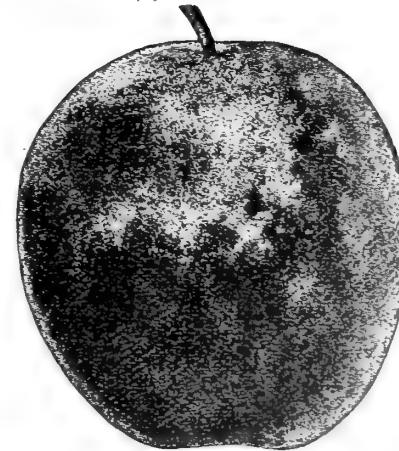
Montmorency Large—Light red, sub-acid, great bearer, very hardy, one of best. First July.

Napoleon—Very large, pale yellow with red cheek, firm, juicy, sweet, very good. First July.

Olivet—Large, deep red, vinous, sub-acid, hardy. Middle July.

Windsor—Of Canadian origin, vigorous and hardy, large, liver colored, valuable. End July.

Price 50c each, \$5.50 doz.



PLUMS

Plant 18 ft. apart on good substantial soil. The stock we offer is very fine, unexcelled in thriftiness.

Bradshaw—Very large, dark violet red, juicy, sweet and good, one of the best. August.

Coe's Golden Drop—Large, yellow, sweet. September.

Imperial Gage—Excellent, large, pale green. August.

Beauty of Naples—New, large, greenish yellow, highest flavor, tree very hardy and prolific. Middle September.

Moore's Arctic—Medium, purplish black, juicy, sweet, heavy bearer and extremely hardy.

Yellow Egg—A well-known large plum, firm, sub-acid, and fine for cooking.

Lombard—A rampant grower, and wonderfully productive, medium, violet red, good. Sept.

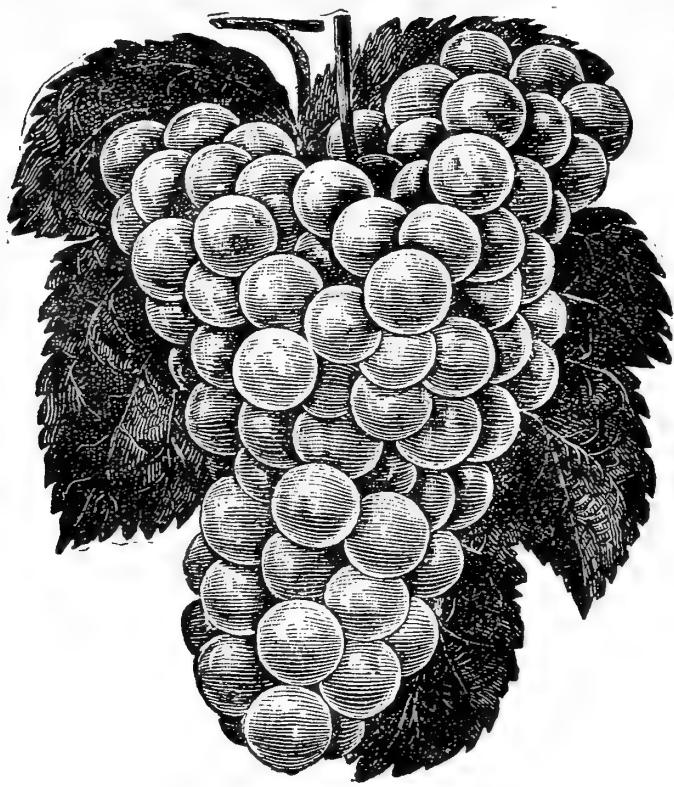
Pond's Seedling—A magnificent English, light red plum, good grower, abundant bearer. Sept.

Shipper's Pride—Large, often measuring 2 in. each way, being nearly round; excellent for canning. September.

Goliath—A very large purple plum, rivalling the peach in beauty; hardy and productive. \$1 ea.

Glass' Seedling—A hardy Canadian variety of large size and good flavor; deep purple. Sept.

Price 50c each, \$5.50 doz.



HARDY GRAPE VINES

It is not safe to send these roots after the leaves have started, as the close packing required to protect the roots injures the foliage and often kills the plant; we would therefore ask our customers to kindly send us their orders as early as possible, and to reach us not later than the 20th May, as after that date they usually begin to leaf. Nearly all of these roots are grown in open ground, and consequently cannot be forwarded until the frost is sufficiently clear in spring to lift them; they will be forwarded as soon after as possible, and when the plants are in best condition for safety.

BLACK GRAPES	Price each	Per postpaid.	doz.	Per 100
Worden —Best black grape seedling of Concord, larger, delicious, much earlier, very reliable.....	25	\$2	00	7 00
Herbert —(Rog. 44)—Earlier and sweeter than Wilder	25	2	00	7 00
Moore's Early —Earliest good black grape, very large	25	2	00	7 00
Wilder —(Rog. 4)—Largest black, very fine.....	25	2	00	7 00
Campbell's Early —Strong, hardy, vigorous, a fine variety		50		

RED GRAPES

Lindley —(Rog. 9)—Best red, very delicious.....	25	2	00	7 00
Agawam —(Rog. 15)—Very large, vigorous and a great bearer	25	2	00	6 00
Delaware —Red, well-known sort, delicious and productive.....	25	2	00	9 00
Brighton —Finest quality of all out-door grapes, dark red.....	25	2	00	7 00
Moyer —Red, splendid early.....	25	2	00	9 00

WHITE GRAPES

Niagara —Finest large white grape, very sweet.....	25	2	00	6 00
Moore's Diamond —Greenish White, compact bunches, berries size of Concord.....	25	2	00	8 00
Green Mountain (Winchell)—Early as Jessica, larger, more vigorous.....	35	8	00	12 00

All vines two years old and well rooted.

FOREIGN GRAPE VINES—(For culture under glass)

Black Hamburg	Madresfield Court
Muscat Hamburg	Bowood Muscat
Duchess of Buccleugh	Foster's White
Lady Downs	

Fine 2-year old vines. Price on application.

BLACKBERRIES

	Each	Doz. post- paid	100 at purch'r's expense
TAYLOR'S PROLIFIC —Largest of all hardy sorts, very productive and delicious	10	75	\$4 00
MAMMOTH DEWBERRY —A trailing thimbleberry	15	1 00	6 00
Lawton —Large and black, excellent quality and an abundant bearer.....	10	75	4 00
Snyder —Extremely hardy, enormously productive, medium size.....	10	75	4 00
Stone's Hardy —Very hardy and good quality	10	75	3 00
Rathbun —Extra hardy, large, very productive.....	20	1 50	

RASPBERRIES

We send out extra strong canes. Smaller sizes can be quoted much lower on application.

RED VARIETIES

	Doz. 100 at post- purch'r's paid expense	Each
JAPANESE RASPBERRY (Wineberry) —Something like the raspberry in growth and hardiness, bears in clusters. Plants	15	\$1 50
SCHAFFER'S COLOSSAL —Reddish brown to purple, very large.....	10	1 00
Columbian —New purple color, firm.....	10	1 00
Loudon —Enormously productive, has no equal, does not seem to have a fault.....	10	1 00
Miller —New, of great value, very early, firmest and best shipping berry in existence	10	.75
Cuthbert —A decidedly fine variety.....	10	.75

YELLOW VARIETIES

GOLDEN QUEEN —Very large, delicious and firm.....	10	.75	3 00
--	----	-----	------

BLACK CAPS

Palmer —Large, very early	10	1 00	5 00
Conrath —New, black, large, early.....	10	1 00	6 00
Gault —Bears all summer till frost, a great berry.....	15	1 20	7 00

GOOSEBERRIES

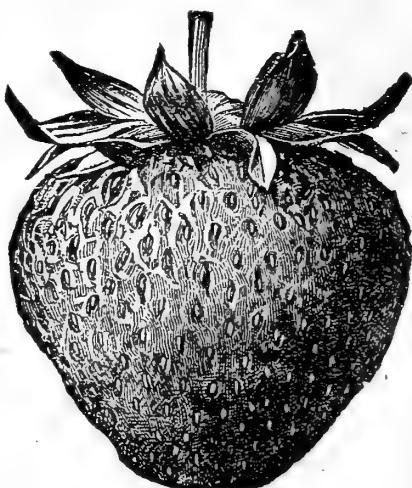
HOUGHTON —Small, well-known sort, red when ripe	15	1 50	8 00
Downing —Double the size of Houghton, green, delicious.....	15	1 50	8 00
Smith —About the size of Downing, and bears immensely, red, seldom hurt by mildew	15	1 50	8 00
Industry —Fruit large and delicious, strong grower..	25	2 50	16 00
Joselyn or Red Jacket —Superior quality, very productive	25	2 50	

CURRANTS

FAY'S PROLIFIC —Berries are as large as Cherry, much more uniform, with larger stems and fruit less acid, and far more productive than Cherry Currant, 2 years.....	15	1 20	5 00
Cherry —Red, large as Fay's Prolific.....	10	1 00	5 00
Ruby Castle —Bunch long and large, bright red, prolific	15	1 20	6 00
White Grape —Finest white currant, mild flavored, berries and bunches large, very productive.....	15	1 20	7 00
Black Naples —Fine reliable sort	15	1 20	5 00
Black Victoria —Black currant of enormous size, fine flavor and of unequalled productiveness.....	15	1 20	6 00
BLACK CHAMPION —The finest black currant, large as Lee's Prolific, much more delicious.....	15	1 20	6 00

STRAWBERRIES

These varieties marked P are imperfect flowering and should not be planted alone.



NEW VARIETIES

Climax—Vigorous, thrifty, heavy plant, very productive, berry bright crimson, good flavor, medium early.

New York—A very large berry, bright crimson in color, medium early, quality good, thrifty and vigorous.

Sample-P—Healthy and vigorous, fruit large and firm, productive, late.

Excelsior—Early variety.

Any of the above postpaid, doz 30c, 25 for 50c, 100 \$1.50. By express at purchaser's expense, 100 \$1.25, 1,000 \$8.00.

STANDARD VARIETIES

Williams—Yields very large, handsome berries, extremely productive and hardy, one of the finest field varieties, fruit firm and of a dark crimson color, very uniform in shape and size, a vigorous grower.

Clyde—Better for field culture, but excellent also for garden if runners are kept down. Fruit large and firm, conical in shape, of a light scarlet color.

Glenmary—A superb early variety of a bright glossy crimson and fine flavor, very productive and of large size.

Any of the above 25 for 50c, 100 for \$1.50.

Marshall—Very large, roundish, dark rich crimson, firm, vigorous productive.

Bubach-P—This berry combines great and uniform size, unsurpassed productiveness and good quality.

Lovett's Early—Seedling of Crescent, very early, equals Wilson in firmness, double the size of Crescent and will yield double the quantity.

Nick Ohmer—Roundish conical form, very productive, perfect shape, dark glossy, red, firm, excellent quality.

Any of the above postpaid, doz 25c, 25 for 40c, 100 \$1.25. By express at purchaser's expense, 100 \$1.00, 1,000 \$6.00.

RHUBARB ROOTS. **Myatt's Linnaeus**—Each 15c, 4 for 50c, doz \$1.25.

Victoria—Each 15c, 4 for 50c, doz \$1.25.

HOPS—Strong roots 25c each, 5 for \$1.00.

HOP SETS—100 for \$1.00, 1,000 for \$9.00.

INSECT DESTROYERS

Aphis Punk—For use in private places, more convenient than vaporizing Tobacco extracts. The Punk is lighted and allowed to smoulder, the fumes killing all insects. Boxes of 12 oils, each containing 60 grains of nicotine, sufficient for 600 feet of floor space. Price 75c per box.

Fir Tree Oil—Soluble in water, effectually destroying all kinds of pests to which plants are subject. Bottle, small size 25c, half pint 50c, pint 75c, quart \$1.50, $\frac{1}{2}$ gallon \$2.75, gallon \$5.00.

NIKOTEEN—The most powerful extract, and will be found more economical than weak tobacco extracts. Pint \$1.50.

SKABCURA is a stimulant for wool growth and a cure for Ticks, Lice, Mange and Scab. Pint \$2.00.

TOBACCO SOAP—Makes an excellent wash for plants and trees infested with insects. $\frac{1}{2}$ lb 25c, by mail 30c; 1 lb 50c, postpaid 60c.

ROSE LEAF Extract of Tobacco—One of the most effectual articles for the destruction of all insects and scale on plants. Pint 40c, quart 75c, gallon \$2.00.

WHALE OIL SOAP—Makes an excellent wash for trees and plants, kills insects and eggs on the bark. Lb 25c, 2 lbs 50c, 5 lbs \$1.00. By mail add 5c per pound for postage.

LITTLE'S ANTIPEST (Readily soluble in water)—This preparation is a sure destroyer of insect pests of any or all descriptions. Price—Per bottle 25c, per small tin 50c, per large tin \$1.

TOBACCO CLOTH—Takes the place of Tobacco Stems. Per lb 75c, 2 lbs \$1.25.

COPPER SULPHATE—For Bordeaux Mixture. Per lb 10c, by mail 15c.

GISHURST COMPOUND—For preventing and destroying Red Spider, Scale, Mealy Bug, Thrip, Green and Brown Fly, etc. Sold in boxes; price 50c and \$1.50 each.

NICOTICIDE—This compound is used for destroying Green and Black Fly, Thrip, Mealy Bug, Red Spider, etc., and it is most certain in effect. The vapor given off by the compound does not alter the natural color or scent of the flowers. 4 oz can 90c, $\frac{1}{2}$ pint \$1.50, 1 pint \$3.00. Fumigators each 75c.

LEMON OIL—Price half pint 50c, pint 75c, quart \$1.50, $\frac{1}{2}$ gallon \$2.75, gallon \$5.00.

PURE DALMATIAN INSECT POWDER—Price $\frac{1}{2}$ lb 20c, per lb 60c, or by mail 65c.

SPRAY PUMPS

Fig. 650
THE "SUCCESS"
BRASS SPRAY PUMP
With Bucket Foot Rest,
Indestructible Bronze Ball Valves

An excellent pump for use in gardens, vineyards, greenhouses and orchards, for washing windows and buggies; also for spraying poultry houses with white-wash. The working parts are all brass, and bucket foot rest is made of malleable iron. Nothing could be simpler and more durable than this pump. It has large air-chamber space, and is double-acting, throwing an absolutely continuous stream, either solid or in fine spray.

The end of hose connecting to pump is coiled with brass spring wire, adding largely to its durability. This pump is rightly named, and as a leader for general use it cannot be beaten. "Nothing succeeds like 'Success.'" The "Bordeaux" Nozzle is furnished with "Success" Pumps.

Price— "Success" Brass Spray Pump, with "Bordeaux" Nozzle, with directions for spraying, \$4.50.

Seven feet of hose with connection for "Success" Pump, \$2.00 extra.

SPRAMOTOR

SPRAMOTOR JR., SPRAYING AND PAINTING MACHINE

Will wash your windows, clean your buggies, whitewash your buildings or chicken coops, do the spraying in for small fruits and some large trees. It is a thoroughly good and useful pump, and so far as its capacity extends will give as good results as a more expensive outfit.

Price complete, with 2 $\frac{1}{2}$ feet 3-ply hose and Spramotor, painting and spraying nozzle, \$6.

Five gallon heavy galvanized can extra \$1.50.

SPRAMOTOR JR., WHEEL OUTFIT

Price complete, \$18.00.

SPRAMOTOR JR. OUTFIT E.—Being Spramotor Jr., with can, 2 $\frac{1}{2}$ feet hose, stop cock and lance. Just right for spraying small fruit, white-washing, painting or disinfecting work.

Price, \$8.75. Same with brass lance, \$9.00. Extra hose, 10c per foot.

LONDON PURPLE—When applied in a liquid form, 1 lb to 200 gallons, or a teaspoonful to a pail of water is sufficient. Lb 20c, by mail 25c; 10 lb lots, by express, \$1.75.

FLOUR OF SULPHUR—Lb 10c, 10 lb 50c, per 100 lbs \$4.00. By mail add 5c per lb.

FOSTITE—Acknowledged the best preventative and cure against mildew, black rot 'leaf blight, rust, etc. 5 lbs 70c, 25 lbs \$2.50, 50 lbs \$4.50, 100 lbs \$8.00.

PURE PARIS GREEN—Securely put up in boxes. Price—per lb 25c, per 5 lbs \$1.00.

SLUG SHOT—A non-poisonous powder and a very popular insecticide. Easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Send for our book on Slug Shot. Lb 10c, by mail 15c, 5 lbs 35c, 10 lbs 60c, 100 lbs \$5.00; larger lots price on application.

GRAPE DUST—Is a preparation to kill the destructive mildew that strikes the grape vine. In 5 and 10-lb packages. Per lb 10c, by mail 5c lb extra.

HAMMOND'S THRIP JUICE—Death to Mealy Bugs and Scale, which infest roses. $\frac{1}{2}$ pint tins 30c, pint 50c, quart 75c.

INSECT POWDER DISTRIBUTOR OR DRY POWDER SPRAYER

The application of Paris Green and other poisons mixed either in water or plaster is both laborious and expensive. By the use of the Insect Powder Distributor or in applying the insecticides clear, these difficulties are overcome, as the poison is distributed so evenly and in such small quantities that it is hardly perceptible on plants.

The small hole is for clear Paris Green, the large hole for hellebore, Bordeaux mixture and powders of like nature. The forked tube carries the poison directly on two rows of potatoes at once. With this tube attached a man can poison the bugs on an acre in thirty or forty minutes by walking at an easy gait without stopping.

The best time for applying the poison is in the early morning when the dew is on; it will then adhere much better to the leaves. Price \$4.50.

Fig. 649.
KEROSENE SPRAYERS
The "Success" Kerosene Sprayer consists of our Perfect Success bucket spray pump, with a kerosene attachment. The oil tank may be readily removed, and a cap, which we furnish, placed on the oil inlet. The pump can then be used the same as our other "Success" Pumps. Price—Complete, as in cut, \$11.00.

SPRAY NOZZLES
The "Bordeaux" Nozzle is the simplest and best spraying nozzle. It throws solid stream or a spray adjustable to any fineness. It will also throw a long distance coarser spray for large trees—features possessed by no other spray nozzle. Price \$1.00.

Vermorel Nozzle—\$1.00.

SPRAMOTOR JR. NO. 1.—Price complete, \$9.00. If required all brass, \$13.00.

SPRAMOTOR OUTFIT 1-D.—One brass Spramotor No. 1, including one line of $\frac{1}{2}$ -in. hose 10 ft. long, couplings attached, one brass stop-cock, one 8 or 10 ft. bamboo extension rod, with seamless brass inner tube, brass cupped ends and drip guard, two Spramotor nozzles, one brass Y connection. Price complete, without barrel, \$15.00. Same with three-nozzle cluster. \$16.35.

SPRAMOTOR NO. 2.—Price for brass Spramotor with iron agitator, \$12.00, all brass, \$16.

SPRAMOTOR OUTFIT 2-E. (High spraying one line hose)—Brass Spramotor No. 2, as above, with one line of hose 10 ft. long, couplings attached, brass stop-cock, 10 ft. bamboo extension rod with brass cupped ends and drip guard, one Y connection and two Spramotor nozzles. Without barrel. Price complete, \$18.50. Price complete, with 8 ft. iron extension rod with patent drip guard, \$16.90.

Barrel and Strainer, Price \$4.00.

**Spramotor Illustrated Catalogue
on Application.**

**Kills the Bugs.
Feeds the Plant.**



Pat. in Canada Nov. 2, 1897, Jan. 25, 1900.

NON-POISONOUS. PREVENTS BLIGHT.

BUG DEATH is a non-poisonous article that takes the place of Paris Green and other dangerous insect powders. It will not injure the plant, burn or blight the vine.

It kills the bugs on Potato plants, Squash and Cucumber Bugs, Currant and Tomato Worms, etc.

Feeds the plants. "Bug Death" promotes the growth of the plant, and keeps it strong.

Bug Death is used by applying dry to the plant or used in water to spray the plants. Full directions for its proper use go with each package.

Price—1 lb pkge. 15c, 3 lb pkge. 35c, 5 lb pkge 50c 12 $\frac{1}{2}$ lb pkge \$1.00.

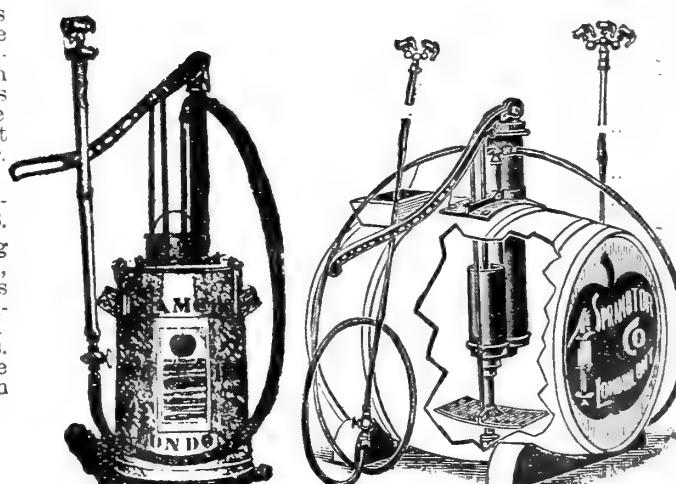
AUTO-SPRAY

Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the Auto-Spray can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a quarter-acre of potatoes.

The Auto-Spray is light, and being carried by a shoulder strap, a boy can carry it with ease and **can cover ten times more area** in a day than can be covered with the old style sprayers, which require the operator to be constantly pumping in order to do the spraying. The Auto-Spray does the work as fast as a man can walk. Descriptive circular sent on application.

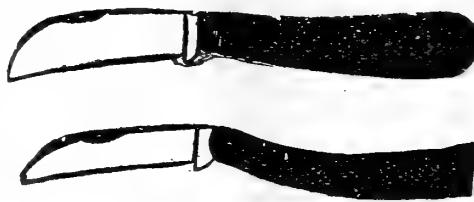
Price—Auto-Spray, made with galvanized iron reservoir, \$4.50; with brass reservoir, \$6.00.

CYCLONE SPRAYER AND ATOMIZER—Price made of tin, 75c, by mail, postpaid, \$1.00; all copper, \$1.50, by mail, postpaid, \$1.75.

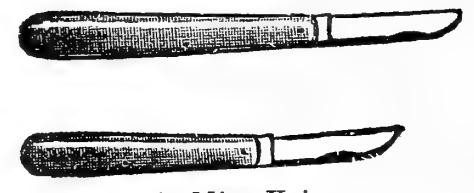


Gardeners' Tools and Requisites

Brackets — A Flower Pot, ornamental, various sizes;	each 80c to	\$3.00
Cork, Virgin — Flat and tubular, per lb.....	15	
Dibblers — For planting, steel points.....	35	
Floral Tools — Set of 4; small 75c, large	1.50	
Glazier Points — Van Reyper's Perfection: 75c per 1,000; postpaid	80	
Gloves — Ladies' Chamois, pair	1.00	
" Oiled	80	
" Gardener's (men's)	50	
" Harvest (men's) No. 2	25	
" Threshing	75	
Grafting Wax — $\frac{1}{4}$ lb package 15c, $\frac{1}{2}$ lb package 30c, 1 lb package.....	50	
Garden Lines — Of the best material, each	25	
Garden Reels — Iron, plain, with stake	70	
" Larger size	1.00	
Grass Hooks, English — Two sizes, each 50c and	60	
Hoes — Dutch Scuffle, 4 inch, each 45c; 5 inch 50c; 6 inch 60c; 7 inch 65c; 8 inch 70c, 9 inch.....	85	
Hose Rubber — In 25 and 50 foot lengths only; including couplings, viz., best quality per ft., $\frac{3}{4}$ in., 15c; $\frac{1}{2}$ in., 12c; 1 in., 18c; good quality, per ft., $\frac{3}{4}$ in., 12c; 1 in.....	14	
" Nozzle — Brass, with spray and stream tip, $\frac{3}{4}$ in.....	1.50	
" Nozzle — Spray and stream, $\frac{3}{4}$ in.....	1.75	
" Menders — Each	25	
" Reels — Holding 100 feet, \$2.50 to	3.50	
Hyacinth Glasses — In assorted colors, plain blue, green, wine and amber; flat or Tie pattern, each 15c; per doz \$1.50; tall, each 15c; per doz \$1.50; fancy	50	
Knives — Asparagus, imported best Sheffield. 1.00		
" Budding, ivory handle	1.00	
" Pruning, crooked blade	1.00	
" Grass edging, crescent shaped, \$1 to 1.50		
Lawn Rollers, Iron — Each	15.00	
Labels — Wood, for pots, plain, 4 in., per 100 15c; per 1,000	75	
" Wood, for pots, painted, 4 in., per 100	20	
" Wood, plain, 5 in., per 1,000 \$1.00; per 100 20c; same size, painted, per 100 25c; per 1,000	1.50	
" Wood, for pots, plain, 6 in., per 1,000 \$1.25, per 100	20	
" Wood, for pots, painted, 6 in., per 1,000 \$1.75, per 100	25	
" Tree, Notched, 3 $\frac{1}{2}$ in., per 1,000	1.00	
" Tree, Copper Wired, 3 $\frac{1}{2}$ in., per 100 40c, per 1,000	2.50	
Lawn Sprinklers — 4-arm, revolving, each	2.75	
" Champion, to stick in ground	85	
" I.X.L., to stick in ground	1.25	
" For end of hose, brass, 1 foot, each	3.00	
Mats — Archangel, 4 $\frac{1}{2}$ x 8 $\frac{1}{2}$ feet, each	75	
Needles — For sewing grain bags, each	10	
Netting — For the prevention of birds destroying fruit of all kinds, 20x15 feet, 1 in. mesh, per lb	3.00	
Peat — English, imported, per bush	1.50	
" Fibrous, for Orchids, per bush	1.50	
Plant Stakes — Painted green, tapering, very neatly finished, of light wood and very useful for tying plants, shrubs, etc. Per doz 18 in., 25c; 21 in., 35c; 30 in., 50c; 36 in., 65c; 42 in., 75c; 48 in., 10c each; 60 in. 13c each; Heavy for Dahlias, each 3 feet, 10c; 4 ft., 13c; 5 ft., 15c; 6 ft.....	20	
Plant Stakes, Bamboo or Cane — 4 to 7 feet long, per 100	1.00	
Pencils, Wolf's Indelible — Each	15	
Powder Duster — Tin, perforated bottom	75	
" Gun — Round tin, each	25	
Rakes — Daisy, for cleaning lawns, 16 teeth, \$1.75; 18 teeth, \$2.00; 20 teeth, \$2.25; 22 teeth	2.50	
" Garden, malleable iron, no handles, 10 teeth 30c; 12 teeth 35c; 14 teeth	40	
" Garden, steel, with handles	60c to 1.25	
" Lawn, steel, each	1.00	
Raffia — The best tying material for plants, etc., 10 lbs \$2.50; per lb, postpaid	35	
Scollay Putty Distributor — For applying liquid putty, price	\$1.00 and 1.25	
Scythes, Tysacks — English	\$1.35 to 1.50	
Scythe Stones	20	
Saws — Heavy, for pruning, each	1.00	
Sprinklers, the Goldman Plant — Price, postpaid, each	50	
Sprinkler, Scollay Rubber — By mail, large \$1.25; medium, \$1.00; small	75	



Pruning Knives
Price \$1.00 to \$1.25



Budding Knives
Price \$1.00 to \$1.50 each



Cleves' Trowel. Price 25c, postpaid



Hazeltine Weeder. 25c



Grape Trimming Shears, \$1.00



Half-Moon Edging Knife of the best make, \$1, with handle, \$1.15.



Border or Grass Shears, Price \$2.50



Brass Garden Syringe (very convenient size). Price \$2.50



WATERS IMPROVED TREE PRUNER.



Garden Wheelbarrow



Brass Ladies' Syringe, Cooper's Patent Protector. Price \$3.00



Simmers' Perfection Pruning Shears

Scissors — Short and heavy, for pruning	\$1.00
" French Secateurs	1.10
" Flower gatherers, silver plated	1.50
" Grape Thinning	1.00

Shears — Hedge or lawn, best imported, 8 in	1.25
" Ladies', for light work, durable	1.00
" For lawns, each	2.00
" Sheep, for edgings	75

" Simmers' Perfection pruning shears — Black, 7 in., \$1.25; Bright, 7 in., \$1.50; Black, 8 in., \$1.50; Bright, 8 in., \$1.75. Each fitted with wire cutting attachment.	
" Pruning, for Pruning Roses, Currants, Vines, etc. Per pair, 75c to 1.50	
" Grape Presenting, used for preventing the grape from being handled. Pair	1.25
" English Lawn, made of the best English steel, for trimming borders and corners about trees, shrubs and walks. Each	3.50

Syringes, English Brass — The very finest goods in the market.	
" Ladies' Size, 14x1 in. barrel, 1 rose and 1 jet, light, each	2.50
" Ladies' size, 16x1 in., Cooper's patent protector, 1 rose, 1 jet	3.00
" Gardeners', Cooper's patent protector, 16x1 $\frac{1}{2}$ in. barrel, 2 roses and 1 jet, each	4.00
" Greenhouse, 18x1 $\frac{1}{2}$ in. barrel, heavy, 2 roses and 1 jet	2.50
" Greenhouse, 18 x 1 $\frac{1}{2}$ in. barrel, heavy, 2 roses and 1 jet, Cooper's patent, each	5.00
" Greenhouse, Stone's patent, extra heavy, 1 jet and 4 sprays, each	6.00
" Garden, 20 x 1 $\frac{1}{2}$ in., adjustable plunger, 2 roses and 1 jet	6.00
" Light Brass, 16x1 $\frac{1}{2}$ in., Canadian make, each	1.50

Thermometers — Of glass, 30c each; of wood, 40c; for hotbed use, each	1.00
" Brass flanged	40
" All glass, floating	40
" Japanned case	25

Trowels, Garden — Black, steel, 6 in., 25c; 7 in., 30c; 8 in., heavier, each	40
" Polished steel, 6 in., 35c; 7 in., each	45
" Cleves' Angle	25

Tree Scraper — For removing old bark	60
---	----

Tree Pruners — Waters', 6 feet, \$1.00; 8 feet, \$1.25; 10 feet	1.50
--	------

Weeders — Fork shape	30
" Hazeltine	25
" Lawn Weeder	35
" Noyes	25
" Excelsior, claw-shaped	25
" The Bee (2 for 25c)	15
" Dandelion Spud, for lawns	60

Watering Cans — For greenhouse or indoors, with movable brass rose, in 3 sizes, holding about 1, 2 or 3 gallons; sold at \$1.50, \$2.00 and \$2.50 each.	
---	--

Wheelbarrows — Light, \$3.00; Heavy	4.00
--	------

FLORISTS' SUNDRIES

Tin Foil — In long strips, 5 in. wide, per lb	20
Tooth Picks — 10c per box, 3 boxes for	25

Match Sticks — Per bundle	75
--	----

Sphagnum Moss — Per bale	1.25
---------------------------------------	------

Wire — Annealed (prices subject to change). No. 24, per lb, 20c; 10 lbs \$1.25. No. 28, per lb, 25c; 10 lbs \$1.75. No. 36, per lb 35c; 10 lbs	3.00
---	------

BOUQUET PAPERS

4 in., per doz	45c
6 in., per doz	70

5 in., per doz	55
7 in., per doz	90



Flower Presenting Shears. Price \$1.50

BINDER TWINE—Prices on Application

PLOWS

FLEURY PLOWS

General purpose plows very light in draught

Nos. 21 and 13 the two best general purpose plows in Canada.

No. 13 Plow, \$13.00 cash.
No. 8 Plow, \$13.00 cash.
No. 12 Plow, \$13.50 cash.
No. 21 Plow, \$13.00 cash.

One-Horse Plow—
No. 15. Unexcelled as a Garden Plow.

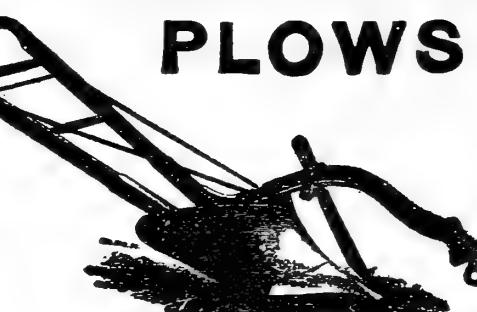
A one-horse or garden plow that cuts the width it turns, and turns a furrow properly. Most one-horse plows are only two-horse plows shortened up, and spoiled for real plowing. This one is a plow—light, but strong. Price, cash, \$10.00.

Fleury's Celebrated Root Pulper, No. 5. Price, \$10.00. No. 7, \$11.00.

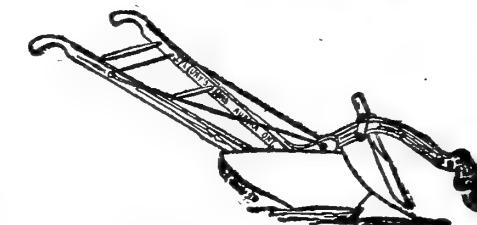
Fleury's Straw and Ensilage Cutter, No. 1, hand power. Price, \$13.50.

Fleury's Farm Wheelbarrow. Price, \$4.00.

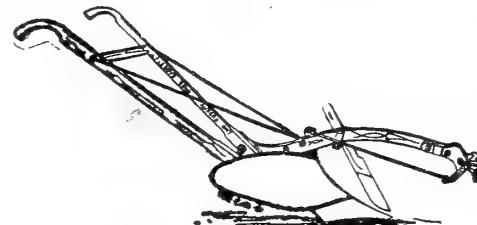
Emperor Potato Digger. Price, \$9.00.



No. 21 Fleury Plow



No. 13 Fleury Plow



No. 15 Fleury Plow

Wrought Iron Harrows

Garden Harrows—In two sections, \$8.50.

Farm Harrows—In three sections, \$11.00; four sections, \$14.50.

WILKINSON PLOWS

We can supply the following desirable "Standard" Plows, manufactured near Toronto, of the best material (regardless of cost), by the Wilkinson Plow Company.

Narrow one-horse plow, \$10.50. Wide one-horse plow, No. 13, \$10.50. No. 3, \$14.50. No. 4, \$14.00. No. 5, \$14.00. No. 7, \$14.00. No. 21, \$14.00.

Wilkinson Garden Harrow—\$12.00.

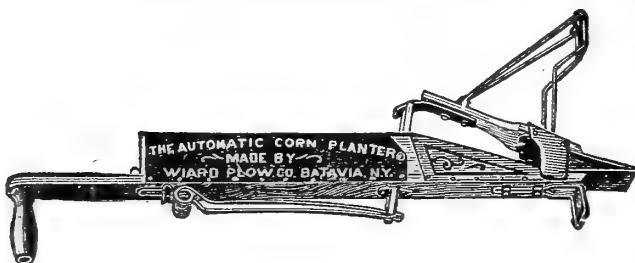
Channel Drag Harrow—Three sections, \$13.00.
Four sections, \$17.00.

The Clipper Grain and Seed Cleaner

No. 1—For farmer's general use, \$25.00.

No. 2—Hand mill of large capacity, \$55.00.

The Automatic Corn Planter



The Automatic Planter made by us is of the best material, well and durably put together, and finished to stand long use and all sorts of weather. In this planter the seed is delivered from the Dropper to the

Receptacle at the bottom, which, when opened by pressing over on the Foot, leaves it at once at the depth required, avoiding the trouble found with all Hand Planters that deliver the seed direct from the Dropper to the soil. It also has a most convenient attachment for regulating the depth of planting; this can be raised or lowered in a moment, and insures delivery of the seed at precisely the depth required, whether the soil be hard or mellow. Price \$2.00.

EARTHENWARE

POTS—Earthenware Flower Pots, Tree Pots, Seed Pans and Hanging Baskets.

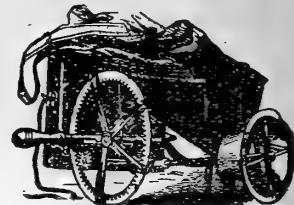
The measurement is from outside to outside. Packing charged extra when ordered to be shipped a distance from Toronto. Pots carefully packed, but we assume no risk for breakage.

FLOWER POTS			SAUCERS		TREE POTS			SAUCERS			
Size	Inches	Per doz	Pr 100	Per doz	Per 100	Size	Each	Each	Per doz	Each	Per doz
Small Thumbs	2	\$0 10	\$0 75			2 gals.	10	\$0 40	\$4 50	\$0 20	\$1 80
Thumbs	2 1/2	15	1 00			3 "	12	60	7 00	30	3 50
Small Verbena	3	15	1 10			4 "	14	75	8 00	40	4 50
Large Verbena	3 1/2	20	1 25							60	7 00
Half Pints	4	25	1 75	\$0 20		6 gals.	16	1 50			
Half Pints	4 1/2	30	2 20	25		8 "	18	2 50			
Pints	5	40	2 50	30							
Quarts	6	50	3 75	35	\$3 00						
Half Gallons	7	1 00	6 50	50	4 00						
2 Gallons	8	1 50	10 00	60	5 00						
Gallons	9	2 00	15 00	90	7 00						

Special prices on application for larger quantities

SEED SOWERS

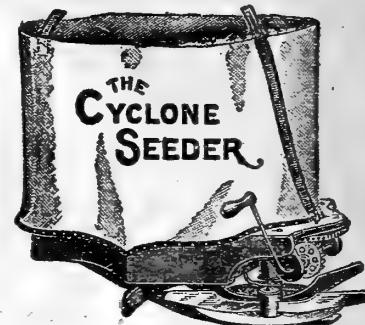
Cahoon Broadcast Seed Sower



A hand machine very largely used. The quantity to be sown is easily regulated. It will scatter the following distances:—Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight 5 1/2 lbs. Price, each, \$4.

The Cyclone Seed Sower

First-Class High Grade Machine



"Cyclone" Geared, \$2.00

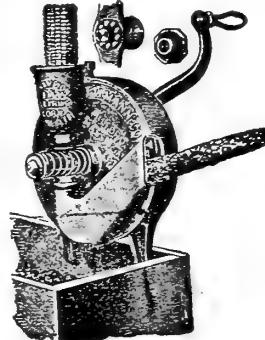
Geared (see cut)—A machine for sowing broadcast all kinds of grass seeds and grain. It is suspended by a strap over the shoulder, hanging in the most convenient manner, and is operated with a crank. The machine is light (weighing less than four pounds), yet strong and durable. The gear wheels and feed-plate are of the highest quality of hardened grey iron.

The crank-shaft is made of bessemer spring steel; the distributor is strongly made of best quality of tin. The hopper is large, holding about three-fourths of a bushel, and made from heavy 10-oz. ducking, securely fastened to machine with tinned tacks, especially manufactured for this purpose.

The lumber is well seasoned and of best quality, principally poplar.

IT WILL SOW clover, timothy, wheat, oats, rye, buckwheat, hungarian redtop, turnip, millet, corn, cotton and all other grains and seeds perfectly even and any desired amount per acre, and from 30 to 60 acres a day. It does not require seed to be cleaned, and will sow orchard and blue grass. Full instructions and directions on every machine. Geared, price \$2.00; postpaid, \$2.50.

FIDDLE BOW—Old style. Price, \$1.50; by mail, postpaid, \$2.00.



Improved Horse Turnip Seed Drill—Price \$10.00

Champion Ball-Bearing Corn Sheller

It has no equal. It is the best Sheller on the market, and considering the amount of work it will do, it is the cheapest. Its work is easy, rapid and highly satisfactory. Its unique automatic adjustment, improved shelling disc and telescopic construction, are all new inventions, embodying improvements found in no other corn sheller. Weight, 20 lbs. Price, \$2.50.

GARDEN AND FARM IMPLEMENTS

Grass Scythes, Rivet back and others	Each \$0 75 to \$1 40	Manure Forks, 6 prong	Each \$1 25 to \$1 35
Cradle Scythes, all kinds and lengths	1 10 to 1 40	Spading Forks, 4 prong	1 00 to 1 20
Grain Cradles, all kinds	1 50	Potato Forks, 4 prong	85 to 1 25
Scythe Stones	10 to 15	Turnip Hoes	55 to 70
Scythe Snathes	65 to 85	Field Hoes	35 to 65
Hay Rakes, wire bow and wooden bow	10 to 25	Thistle Spuds	40
Hay Forks, 2 prong	40 to 60	Reaping Hooks	50
" 3 prong	60 to 80	Vegetable Scoops	1 20
Straw Forks, 3 prong	75 to 1 20	Grain Scoops	1 00 to 1 50
Barley Forks, 4 prong	1 00 to 1 50	Spades, in variety	75 to 1 50
" wood	75	Shovels, in variety	90 to 1 30
Manure Forks, 4 prong	85 to 1 20	Fork and Hoe Handles, in variety	15 to 40
Manure Forks, 5 prong	1 10 to 1 25	Plow Lines, Cotton Bags, Linen Bags, Etc.	Each \$2.50
Draining Spades	18, 20 and 22 inch		

PANS	size-in.	Each	Dozen
Boston Fern Pans	6	\$0 10	\$1 00
" "	7	13	1 40
" "	8	15	1 60
" "	9	20	2 25
Fern Pans	6	10	1 00
" "	7	10	1 10
" "	8	15	1 60
Seed Pans	10	20	2 25
" "	12	25	2 75
" "	14	30	3 25
Square Pans	8	20	2 00
" "	10	35	3 00
" "	12	50	4 00
Hanging Baskets	10	15	1 00
" "	12	25	2 00
" "	14	40	3 00

"IRON AGE" GARDEN IMPLEMENTS FOR 1902

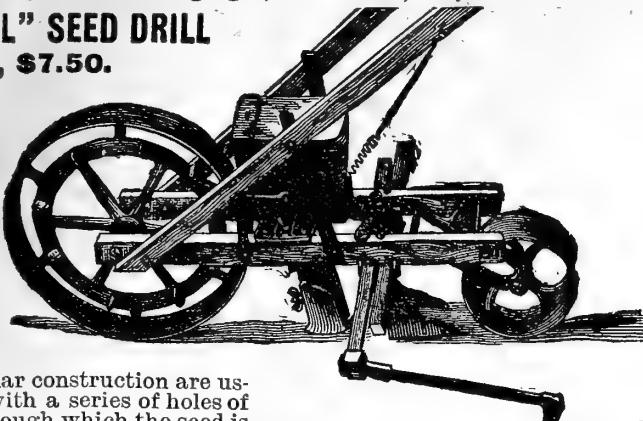
The "IRON AGE" WHEEL HOES AND DRILLS for Field and Garden Work.

We have no hesitation in claiming these tools to be the most perfect and satisfactory made and we want to place one in the hands of every customer. They have recently become immensely popular, owing to the new departure in their design and construction; in other words, they are all right and up to date. They are equipped with high, steel wheels, very light, tubular frame connected to malleable iron castings—really bicycle construction, and in consequence they are exceeding light, convenient, easy to handle and very handsome in appearance.

"NEW MODEL" SEED DRILL

Price, \$7.50.

Perfect Index;
Instantaneous Cut off;
Adjustable Marker;
Broad Wheel;
Steel Opening Plow;
Adjustable Handles.



Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. This adjustment is made in a simple and effective manner by use of a slide with a pear-shaped opening, passing under the bottom of the seed reservoir, which is provided with a perforation of similar shape in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a *hair breadth variation*—a vital point in a perfect seed drill. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of reference. The flow of seed can be instantly stopped by a *swinging* cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows. The main wheel is of large size and of *unusual* width, preventing its sinking into soft earth.

Each Drill crated and carefully packed for shipment. Packed weighs about 40 lbs. Price \$7.50.

No. 4 "IRON AGE" Combined Double Wheel Hoe and Drill Seeder.

Combined in this tool is a Seed Drill, a Double Wheel Hoe and a Single Wheel Hoe. In each form these tools are equal to any tool or tools made especially for the purpose.

As a Seed Drill this tool sows in drills with perfect accuracy all the seeds varying in size from celery to corn. Easily and quickly adjusted in every particular.

The change from a Seed Drill to a Wheel Hoe is made by simply detaching the seed hopper with its frame, covers, wheel, etc.; loosening two bolts does it, and applying the cultivating tools. The wheel is made of steel 16" high. The frame of pipe, coupled to malleable castings. The tool is therefore very light as well as strong; runs easily. Price \$10.00.

No. 5, Iron Age Drill Seeder, the foregoing implement as a Seed Drill only, \$7.50.



As can be seen by the cut above, anyone purchasing the No. 6 "Iron Age" Combined Double Wheel Hoe, Hill and Drill Seeder, possesses at once the most perfect and complete tool possible. It is a whole tool-house itself. It drills, hoes, rakes, hills, cultivates, levels, plows, furrows, covers, and does each and every operation in the most satisfactory manner.

The fact that our "Iron Age" Double Wheel Hoe can be converted into a thoroughly practical Single Wheel Hoe, makes this combined machine four different tools; a Hill Dropper, a Double Wheel Hoe and a Single Wheel Hoe, also a Row Drill. This tool will sow all the small seeds varying in size from celery to corn. Price \$11.00.

No. 7. IRON AGE HILL AND DRILL SEEDER.

The foregoing implement as a Hill and Drill Seeder only. Price \$8.50.

No. 8 "IRON AGE" HILL AND DRILL SEEDER

The "Iron Age" Hill and Drill Seeder is without question the most complete tool ever offered. The Wheel is 16 in. high, made of steel with a two-inch tread. The Opening Plow is non-clogable and can be instantly adjusted. The Hopper is low, therefore, the delivery of the seed is close to the ground, thus making possible accurate spacing. Capacity 4 quarts. The Agitator is a revolving bush which makes it a sure feed and sows absolutely all of the seed accurately, and without injury.

The distance of spacing the seed can be instantly changed by simply varying the number of pins in the outside circle of holes of the "Pin Wheel." By using only one pin (stationary) the seed will be spaced 24 inches; two pins, 12 inches; three pins, 8 inches; four pins, 6 inches; six pins, 4 inches. We wish to emphasize the great simplicity of this adjustment as it overcomes a very radical objection to similar tools of having numerous cam wheels to change.

The amount of seed can be minutely adjusted by our patented cam index. The Coverers are firmly held in place by a spring—thus avoiding all danger of not covering. The wheel rolls and packs the soil. The flow of seed can be instantly stopped or started by a convenient finger latch on the handle. Price \$11.00.



Combined in this tool is the best Hill and Drill Seeder, and Single Wheel Hoe ever offered to the public. In combining these tools, not a single advantage of a separate Single Wheel Hoe or Seed Drill is lost. As each they are, in themselves, complete. Changed from one form to another almost instantly, completely filling every desire both as to method of handling seed and soil.

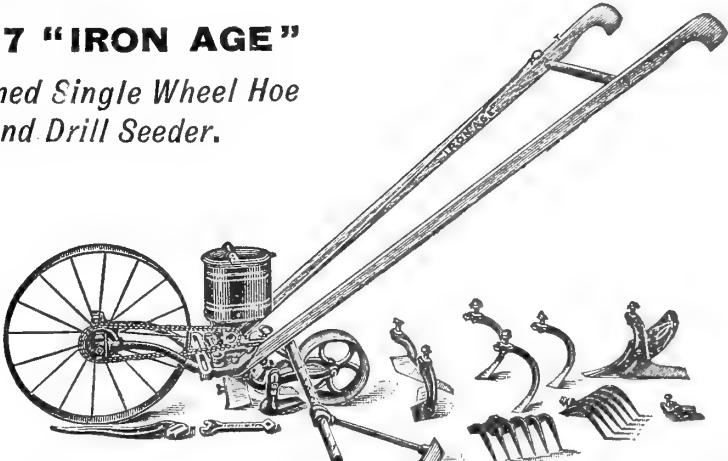
It places the seed in **hills or drills**, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

The Wheel is made of steel, 16 in. high; the frame of pipe, coupled to malleable castings; therefore light (runs easy) strong and durable.

Price \$10.50.

No. 17 "IRON AGE"

Combined Single Wheel Hoe
and Drill Seeder.



Combined in this tool we offer the best Row Drill and Single Wheel Hoe ever offered to the public. In combining these tools not a single advantage of a separate single Wheel Hoe or Row Drill is lost. As each one in itself is complete. Can be changed from one form to the other almost instantly, completely filling every desire both as to method of handling seed and soil.

It places the seed in **drills**, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates. The Wheel is made of steel, 16 in. high, the frame of pipe, coupled to malleable castings, therefore light (runs easy) strong and durable. Price \$9.50.

No. 9 "IRON AGE"

Single Wheel Hoe, Cultivator, Rake and Plow Combined

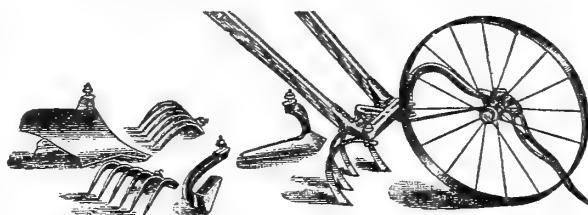
This tool is, in regard to the work done, almost a counterpart of the Double Wheel Hoe.

In addition its lower price, less weight and increased steadiness given by a single wheel, make strong arguments in favor of this tool. For the small kitchen garden we consider the Single Wheel Hoe, with these points of merit, as being very valuable. The work is done principally between the rows, although plants of small growth can be hoed on both sides at once by placing the wheel on the left side.

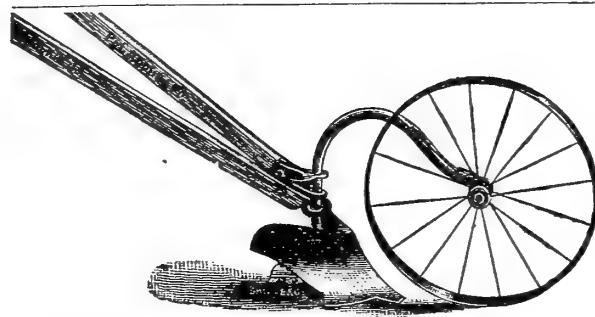
With this single wheel tool, spaces of exceedingly narrow width can be worked even, using but one cultivator tooth. With the large plow attachment, deep furrows can be opened or closed; potatoes, celery and other crops hilled—in short, all such work usually accomplished by a special plow.

Price complete, \$5.50.

Weeder Attachment for this tool similar to the one shown on the Double Wheel Hoe, \$1.00.



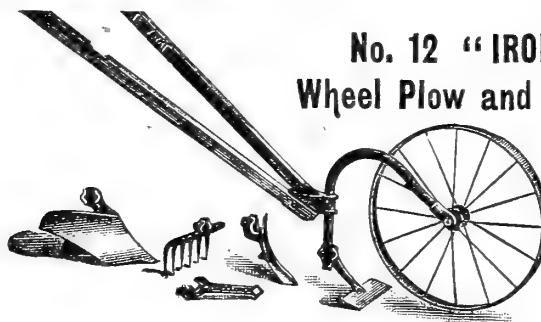
"Iron Age" Combined Single Wheel Hoe



No. 11
"IRON AGE"
WHEEL PLOW

Price, \$2.50

Packed Weight
15 lbs.



No. 12 "IRON AGE"
Wheel Plow and Cultivator

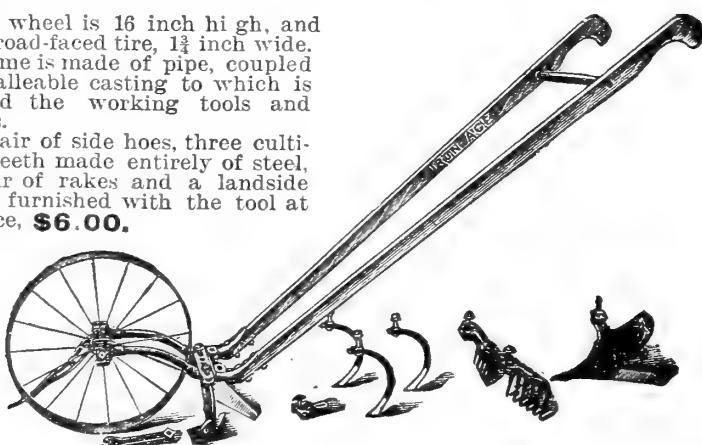
In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will accomplish all the work in cultivating needed to be done in a small kitchen garden—plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically the friend of the laborer or mechanic who can afford only to invest a small amount of money in a garden tool, and whose few moments in a garden must be devoted to "straight-ahead" work. **Price \$3.50.**

No. 20 "IRON AGE" SINGLE WHEEL HOE

The No. 20 Iron Age Single Wheel Hoe is the wheel hoe form of both the Nos. 15 and 17 Combined Single Wheel Hoes and Seed Drills. Although being designed with the view of being able at any time in the future to add a Seed Drill Attachment, it is the most complete Single Wheel Hoe ever offered.

The wheel is 16 inch high, and has a broad-faced tire, 1 $\frac{1}{2}$ inch wide. The frame is made of pipe, coupled to a malleable casting to which is attached the working tools and handles.

A pair of side hoes, three cultivator teeth made entirely of steel, one pair of rakes and a landside plow is furnished with the tool at the price, \$6.00.



No. 1 "IRON AGE"

Double Wheel Hoe, Cultivator, Rake and Plow Combined

At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of these tools. In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moment's time. An axle is sent with every double wheel for this purpose.

The wheels are 16 inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price. **Price complete \$7.00.**



"Iron Age" Combined Double Wheel Hoe

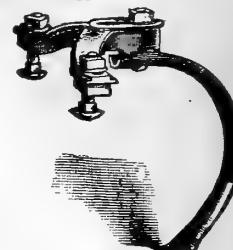


Fig. 112.
Single Tooth
Attachment

Weeder Attachment, \$1.25 extra.

Landside Plow Attachment, \$1 extra.

Single Tooth Attachment, 75c. extra.

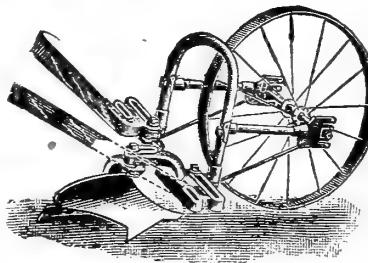


Fig. 82.
The Landside Plow Attachment

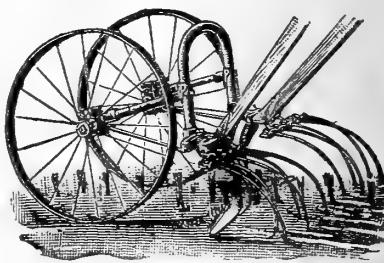


Fig. 81.
The Weeder Attachment

No. 3 "IRON AGE"

Plain Double Wheel Hoe with Side Hoes only



In order to accommodate those who have only use for the Wheel Hoe for hoeing, we offer the machine described above with side hoes only. This implement may be used as a Double or as a Single Wheel Hoe. The illustration shows it adjusted as a Plain Double Wheel Hoe.

Price \$4.50.



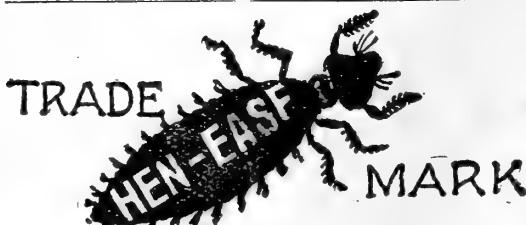
HOW TO MAKE HENS LAY

Keep your chickens strong and healthy. Prevent all diseases—Cholera, Roup, Leg Weakness, etc., use EGG-O, a poultry regulator and egg producer.

Best food for all varieties of poultry, laying fowls, chicks, ducks and geese. Will make your hens lay, will make your chicks grow fast, will keep your fowls healthy.

Therefore no matter what feed you use, mix with it daily our EGG-O POULTRY TONIC. It assures perfect assimilation of the food elements needed to produce health and form eggs.

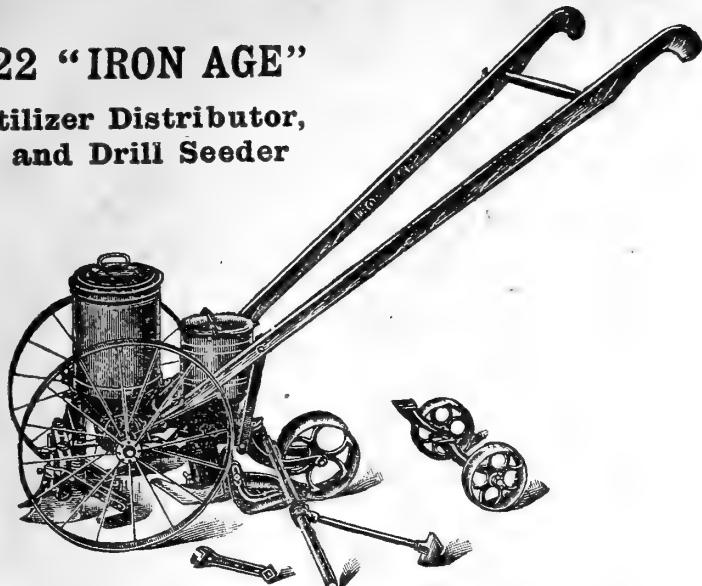
Price—28 oz Package, 25c; postpaid 50c.

ANTI-LOUSE
A Disinfectant Insect Powder . . .

Guaranteed to kill every species of parasite that preys on poultry and live stock. It is an effective remedy for Ticks on Sheep, Roaches, Ants, Bedbugs and all insects on House Plants or Fruit

Trees. For dog or cat a small quantity rubbed into the fur will kill all lice or fleas that may be present. Price—One pound box 25c; postpaid 40c.

No. 22 "IRON AGE"

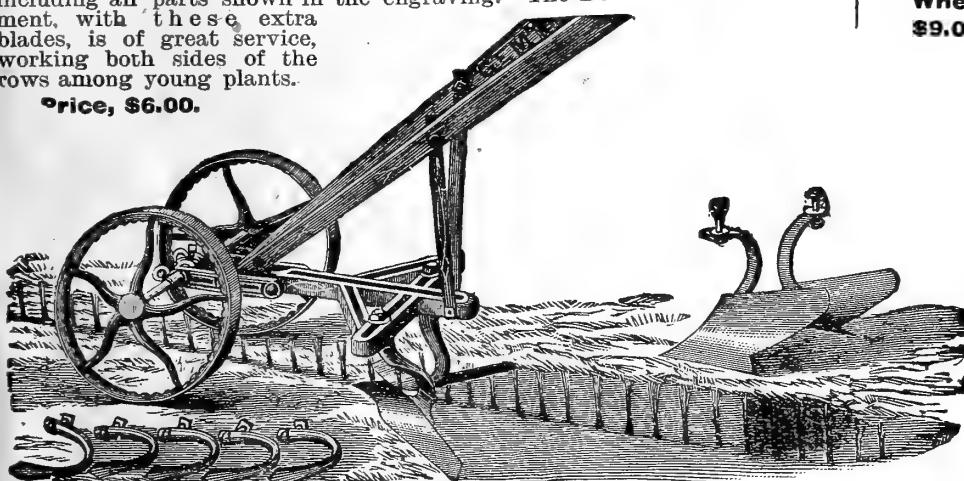
Fertilizer Distributor,
Hill and Drill Seeder

This tool is designed to sow fertilizer and seed in one operation. The fertilizer is distributed in two narrow streams, adjustable in depth and width apart. The seed is sown between the two rows of fertilizer, so no injury can result from coming in contact with it. It will sow in rows or drop in hills at 4, 6, 8, 12 or 24 inches apart. The seed attachment may be detached and tool is then a most excellent implement for the top or side dressing of growing crops. **Price, \$18.00.**

"GEM" Double and Single Wheel Hoe Combined, \$6.00

This has in addition to the Single Wheel Hoe the Double Wheel Attachment and two extra steel blades, which we furnish with the Single Wheel including all parts shown in the engraving. The Double Wheel Attachment, with these extra blades, is of great service, working both sides of the rows among young plants.

Price, \$6.00.



"JEWEL" Single Wheel Hoe

Cultivator and Plow Combined, \$4.50

Like the Double Wheel "Jewel," this tool is constructed entirely of malleable iron and steel, with exception of wheel and handle. As plainly shown by the cuts, it is capable of several combinations, a simple, very easy working scuffle hoe, with hoes 6 to 9 inches in length; as a cultivator, with four steel teeth; or as a large-sized Wheel Plow. The "Jewel" is adjustable in every way, thoroughly well made and finished, and is, we believe, the lightest and strongest of its kind made.

Price, complete, \$4.50.

"IRON AGE" Combined Harrow and Cultivator

STEEL DIAMOND TEETH

Our "Iron Age" Combined Harrow and Cultivator is a tool that has diamond-shaped teeth, with a small cultivator tooth forged on one end—steel, of course. For very close work, every other tooth can be very quickly removed. We also have, as an attachment, a wide, flat sweep on a high-throated standard, for use on rear end of middle bar. Sure death to weeds and grass.



With lever expander and wheel \$7.50
Sweep Attachment 1.25 extra.

We are Sole Agents for these goods and carry a large stock, thus enabling us to fill orders at the shortest possible notice.



The side or top dressing of growing crops has become a practice of great importance, and in fact, of absolute necessity to produce a quick thrifty growth of growing plants.

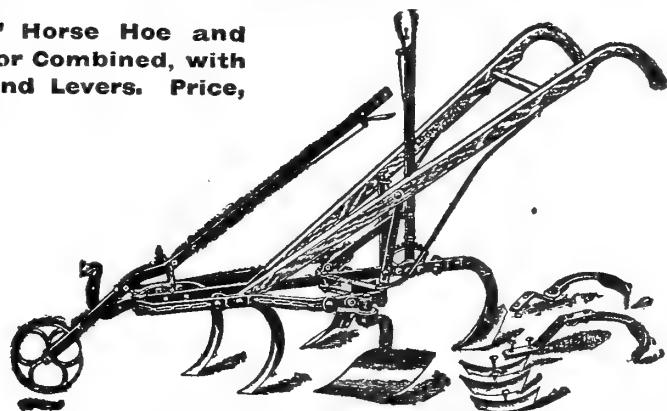
The fertilizer is placed in the hopper which holds over four quarts, and when fed out is divided in two streams and the two delivery tubes carry the fertilizer into the light furrows made by the opening plows.

All gardeners will appreciate the great advantage of applying quick acting fertilizers to the growing plants, but at the same time realize the difficulty in doing so without such a tool as described above. **Price \$13.00.**

A **Seed Drill Attachment** may be applied to this tool and the seed may be sown in drills or placed in hills at 4, 6, 8, 12 or 24 inches apart, at the same time the fertilizer is distributed. **Price, \$5.00.**

"IRON AGE" Horse Cultivators

"Iron Age" Horse Hoe and Cultivator Combined, with Wheel and Levers. Price, \$9.00.



As made at present there is no Cultivator in use so completely adapted to the various needs of the farmer, particularly the "truck" grower. With seven narrow teeth it cannot be equalled as a thorough pulverizer of the soil, and is quickly changed to any of its combinations. With or without Lever Adjustment or Wheel. We claim this tool to be the strongest, steadiest horse hoe made; hoe standards are very heavy solid steel, adjustable in both pitch and angle of cut, adjustment of width instantly made, steady and smooth in its operation, the only lever adjuster that does not impair the stiffness of the tool.

PRICE—Complete as in illustration with mould boards, scuffler, teeth, wheel and levers. \$9.00

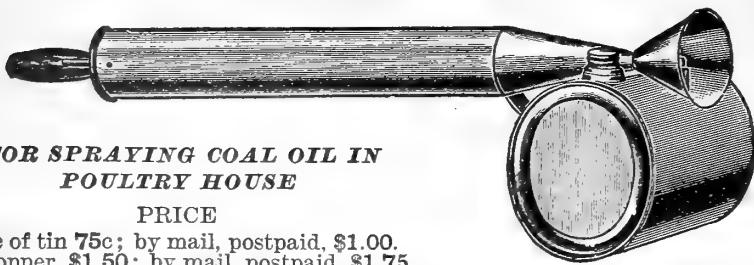
The "Planet Jr" Garden Implements

Descriptive and Illustrated Planet Jr. Catalogue sent on Application.

We can supply a full line of machines and repairs. Every piece has a mark or number upon it. Be sure and mention number when ordering repairs or parts.

"	1— Combined Drill Seeder, Cultivator, Rake and Plow	\$10.50
"	2— Seed Drill, plain	8.00
"	3— Hill and Drill Seeder, Single Wheel	11.50
"	4— Hill and Drill Seeder, Hoe, Cultivator, etc	12.75
"	Set of 3 rakes for No. 4	1.50
"	4a—Same tool as a Hill and Drill Seeder only.	9.25
"	5— Hill and Drill Seeder, Single Wheel	15.00
"	II— Double Wheel Hoe, Cultivator, Rake and Plow	9.75
"	12— Double Wheel Hoe, Cultivator and Plow	7.50
"	13— Double Wheel Hoe, plain	5.25
"	15— Single Wheel Hoe, Cultivator, Rake and Plow	7.50
"	16— Single Wheel Hoe, Cultivator, Rake and Plow	6.50
"	17— Single Wheel Hoe, Cultivator and Plow	5.50
"	17½— Single Wheel Hoe and Cultivator	5.00
"	18— Single Wheel Hoe, plain	3.75
"	25— Combined Hill and Drill Seeder, and Double Wheel Hoe	15.00
"	"Fire-Fly" Garden Plow	2.75
"	"Planet Jr" Grass Edger, heavy	7.00

CYCLONE SPRAYER AND ATOMIZER



FOR SPRAYING COAL OIL IN
POULTRY HOUSE

PRICE

Made of tin 75c; by mail, postpaid, \$1.00.
All copper, \$1.50; by mail, postpaid, \$1.75.

SPRAMOTOR

Spramotor Jr., Spraying and Painting MACHINE

Will white-wash your buildings or chicken coops, do the spraying. It is a thoroughly good and useful article, and so far as its capacity extends will give as good results as a more expensive outfit.

Price complete, with 2½ feet 3-ply hose and Spramotor, painting and spraying nozzle, \$6.00.

Five gallons, heavy galvanized can, extra \$1.50.

GALVANIZED POULTRY FOUNTS

These founts are made of galvanized metal; they are easily cleaned, not injured by freezing; water can be kept constantly fresh.

PRICE—No. 1, holds 2 qts, 40c each. No. 2, holds 4 qts, 50c each.

POULTRY CAPONIZERS

Set of instruments complete, with instructions, \$2.50. In velvet-lined case, \$2.75. We send book "Complete Guide for Caponizing," with every set.

Philadelphia Gape Worm Extractor—Price complete, 30c.

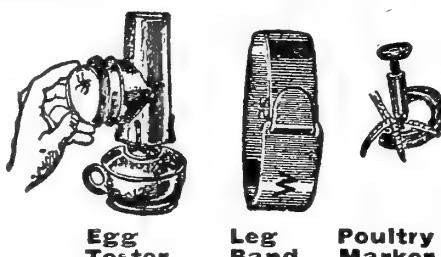
Roup Syringe—This is one of the best cures for Roup and similar diseases to which poultry are so liable. Postpaid, with instructions, 15c each.

FRENCH POULTRY KILLING KNIFE—Sent postpaid on receipt of 50c. Sent securely packed by mail, on receipt of price.

PHILADELPHIA POULTRY MARKER—They are well made with steel spring and cutter, nicely nickel plated. Made in two sizes. Sent postpaid on receipt of price. 80c each.

Leg Bands—*A* For pigeons. *B* For small fowl. *C* Medium fowl. *D* Large fowl. *E* Extra large fowl. Stamped with number. Price—Copper, 1 doz. 20c; 50, 65c; 100, \$1.25. Aluminum, 1 doz. 25c; 50, 85c; 100, \$1.50.

EGG TESTER—The best on the market, 35c.



THE CYPHERS INCUBATOR



Are used by over twenty Agricultural Colleges and Schools in the United States, Canada, England, Australia, New Zealand and other countries. They are self-ventilating, self-regulating, and require no added moisture. They do perfect work in the hands of either amateur or practical poultry men. They are fire-proof and guaranteed to last ten years. They have been in use several seasons at the Ontario Agricultural College, Guelph. They hatch equally well all kinds of eggs.

Incubator. Price.
No. 0—60 eggs \$17.00
" 1—120 " 24.00
" 2—220 " 32.00
" 3—360 " 40.00

THE CYPHERS BROODERS

Are the best made. Clear pine lumber, heavy galvanized iron metal work and heavy brass stove. Well lighted and well ventilated, they keep the chickens strong and hardy.

Brooders.

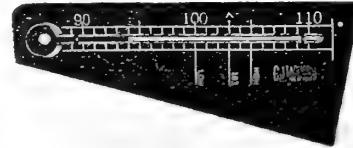
A—Outdoor \$15.00
B—Indoor 13.00

Sectional.

4 Section.	30.00
3 " "	26.00
2 " "	21.00

"Profitable Poultry Keeping in all its Branches," also complete Catalogue of The Cyphers Incubator Co. (224 pages), mailed for 25c.

TESTED STANDARD INCUBATOR THERMOMETER—Mounted on metal, graduated base, and distinctly marked high and low. Price, postpaid 75c.



Mann's Bone Cutters 1902 MODEL

No. 5 B.M. 1902 Model

Intended for flocks of 15 to 25 hens. Can be used for flock of 100 hens, but larger size is more economical in the end for such a large flock. Mounted on iron stand, no expense to set it up. Place for pan to catch the bone. Patented, automatic governing spring feed, 1902 style.

Cylinder is larger than the old style No. 1. Cutter plate has 4 knives instead of 3. Will cut faster and easier than other types costing twice as much.

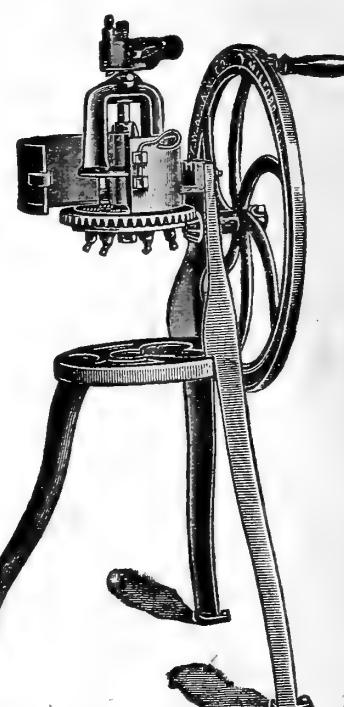
Capacity, 15 to 20 lbs per hour.
Weight, 80 lbs. Price, \$12.00.



No. 5 B.M.

No. 5 B

This machine is exactly the same as the No. 5 B.M., except that it has not the iron stand. The capacity is the same.
Weight, 55 lbs. Price, \$9.00.



No. 5 C

This machine is exactly the same as the No. 5 B., with a crank handle instead of a balance wheel. Capacity not quite equal to 5 B.

Weight, 30 lbs.
Price, \$7.00.

No. 7 1902 Model

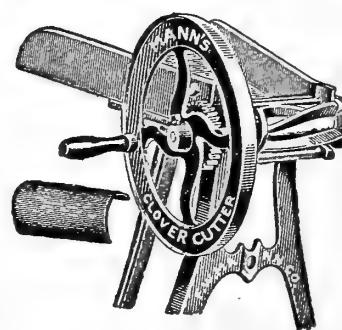
Intended for flocks of 40 to 100 hens. Can be profitably used for 200 hens or more, but we recommend No. 9 for flocks of more than 100. Mounted on strong iron stand with large table for box or pan to receive cut bone. Patented 1902 Model automatic governing spring feed. Large open-hinged cylinder, giving instant access to all working parts. Six special knives. Gear guard, anti-clog device. Heavy balance wheel, with adjustable handle, besides all the best features of our old-style machines. Weight, 107 lbs. Capacity, ½ to 1 lb per minute. Made in one size only. Price, \$14.00.

No. 9 Intended for flocks of 100 to 300 hens. The description of No. 7 will apply to this size also. The difference consists of larger cylinder, greater capacity, different design and larger table. This machine can be altered into the No. 11 by adding the power parts, making a combination machine for both hand and power. Its economy is evident.

Weight, 163 lbs. Capacity, ½ to 1½ lbs per minute. Price, \$20.00.

Parts to change No. 9 to No. 11, price, \$8.

Mann's 1902 Model Bone Cutter No. 7

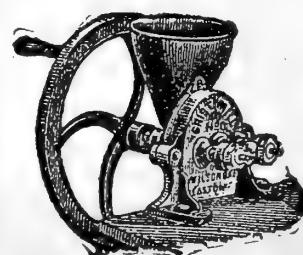


Mann's Clover Cutter

er holding cylinder, tight and loose pulleys, etc. Weight, 215 lbs. Capacity, 100 lbs per hour. Price, \$28.00.

No. 12. Power Machine.....	\$34.00
No. 15, " " "	65.00
No. 14, " " "	80.00

Mann's Clover Cutter. Made entirely of iron and steel. Price with balance wheel, \$9.50; with balance wheel and stand \$11.00.



Family Grist Mill No. 0

This mill is especially made for grinding Graham flour or corn meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable machine to have in the kitchen, as you can have fresh Graham or corn meal when wanted. The grinding surfaces are of very hard material, especially made for this purpose. Weighs 30 lbs. Price (without legs), \$5.00. Price (with legs), \$7.00.

Dr. HESS'S Poultry PAN-A-CEA



For Chickens, Turkeys, Ducks, Geese and Pigeons

We guarantee our Poultry Pan-a-ce-a to cure Gapes, Cholera and Roup, after they are once established in the flock. It is an egg producer by its invigorating effect upon the organs, thereby enabling them to appropriate food, and aiding in the production of eggs.

For rapid healthy growth of young fowls, for development of bone, muscle and feathers, for indigestion, diarrhoea, leg weakness, and kindred diseases, our Poultry Pan-a-ce-a is without an equal, and an excellent article to feed as a preventative of contagious diseases.

Price—For 24-oz package..... 35c, by mail 60c.
" 5-lb " 85c, express only.

DR. HESS'S PRACTICAL POINTS—A complete veterinary work for Farmers, Horsemen, Dairymen, Poultrymen. *Mailed free on application.*

Dr. Hess' Stock Food Is a Scientific Compound... For Horses Cows, Hogs and Sheep

It increases the appetite and improves indigestion. It cures epizooty, coughs, distemper, dropsy and all blood disorders. It gives life, vigor and energy, removes worms, and is a wonderful flesh producer. It also prevents hog cholera. For coughs, so common to sheep and lambs, it is a positive cure.

Price—12-lb bag..... \$1.00
7-lb bag..... 0.65

INSTANT LOUSE KILLER Kills Lice



For Lice on Poultry, Horses and Cattle, also Ticks on Sheep

Put up in powder form. Very convenient and lasting. An excellent disinfectant and purifier for barns and outhouses.

Price—1-lb package 35c, by mail 50c.

DRATT'S Poultry Food



Pratt's Poultry Food

Absolutely pure and free from poisons and all other injurious ingredients,

Package containing 8 oz 10c, postpaid 18c.

26 oz 30c, or 50c postpaid.

5-lb package 75c by express.

25-lb bag \$2.50 by express.

Pratt's Animal Regulator

21-oz box 30c, 42-oz box 60c,
72 oz 90c, 150 oz \$1.70.

EGG PRODUCER

Makes Hens Lay When Eggs Are High Priced

Price—1 lb package 25c, by mail 40c; 2½ lb package 50c, by mail 90c, 6-lb box \$1.00, 10-lb box \$1.50, at purchaser's expense.

Havens' Condition Powders—Cure for Gapes and Poultry Cholera, and medicine for Horses, Cattle, Poultry, Sheep and Hogs. Liberal packages, weighing 14 oz 25c, postpaid 40c; 5-lb box (equal to six 25c packages) \$1.00, by express or freight.

Havens' Roup Pills—Price per box of 48 pills, postpaid 25c. Box of 250 pills \$1.00.

Spratt's Patent Poultry Meal

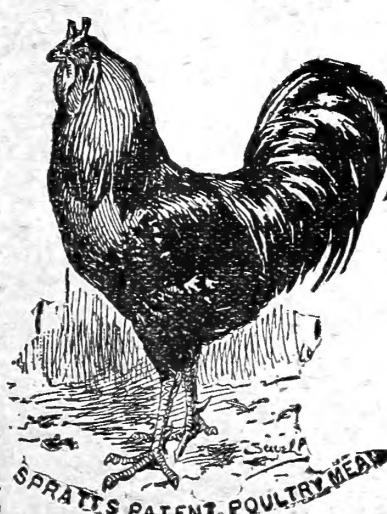
The Cheapest and Best in the Market

As an egg producer this food has no equal. It carries the bird from egg to exhibition pen without a check and has probably more prize winners to its credit than all other foods combined.

It is neither a medicine nor a condiment, but a specially prepared food, containing all ingredients necessary to develop and bring to the highest state of perfection the points in each individual and breed. It is thoroughly cooked, easily digested, and is the result of thirty years' experience and experiments.

Per 10 lb 75c, 25 lb \$1.75, 50 lb \$3.25,
100 lb \$6.00.

NEST EGGS—China 20c doz, 30c postpaid. Porcelain, unglazed (these are the best) 30c doz, 40c postpaid.



Sheridan's Condition Powder

It is absolutely pure and highly concentrated. Strictly a medicine, it should be given in the food in small doses once daily. Prevents and cures all diseases of hens. Very valuable when they are moulting, as it keeps them perfectly healthy. Price—Small pkt 25c, postpaid 35c; 2 lb pkgs \$1.00, postpaid \$1.35.

Lambert's Death to Lice Remedies



POWDER—For body lice on Sitting Hens, Laying or Exhibition Poultry. This powder does not injure eggs or chickens, or soil the plumage in any way. It is also invaluable for lice on Horses, Cattle or Plants, Ticks on Sheep; Fleas and Lice on Dogs, Cats and Pets. Also a valuable disinfectant. 5 oz box 10c, postpaid 15c, 15 oz 25c, postpaid 40c, 48 oz 50c, 100 oz \$1.00.

ointment—For Head Lice on Children or Chickens. Scaly shanks on fowls. 10c and 25c per box, postpaid.

SPECIAL—A powder for Moths in Carpets or Furs. Adapted also for mixing with the original powder when used for fleas, or it can be mixed with kerosene or whitewash and used as a liquid lice killer. 4 oz box 10c, 16 oz 25c, postpaid 40c.

LIQUID—A paint for Mites and Spider Lice in Hen Houses. Fleas and Lice in Dog Kennels and Stables. 1 qt 35c, 3 qts 60c, 4 qts \$1.00.

Lee's Liquid Lice Killer

For Poultry and Hogs

Saves labor, saves expense, saves time, and saves the fowls and hogs. Where freedom from vermin means hours spent in dusting, dipping or greasing, fowls and animals on the average farm and poultry-ranch are seldom free from lice and mites. Put up in tins with full directions for use. Per quart tin 35c, postpaid 70c; 1 gal 65c, 1 gal \$1.00, 5 gal \$4.50.

CONKEY'S ROUP CURE

Guaranteed to give best results, for Roup or Canker, a good preventive and positive cure. Price 50c.

BOWKER'S ANIMAL MEAL

An egg producer. 5 lb pkgs 25c, 25 lb bag for \$1.15, 50 lb bag for \$2.15, 100 lb bag for \$4.00.

BLOOD MEAL

An egg producer. 5 lb 25c, 25 lb \$1.15, 100 lb \$4.00.

HERBAGEUM

CATTLE SPICE—This preparation ensures true economy in the production of milk, flesh, butter and cheese; it does not contain any arsenic, antimony, aloes, copperas, saltpetre, resin, or any other substance not safe to feed every day. Full directions for feeding on every package. 4 lb pkgs 50c, 100 lbs \$12.00.

POULTRY SPICE—Is unsurpassed in general excellence, cheapness and efficiency for egg production in summer or winter. For the raising of turkey and all other chicks, and for the fattening of poultry. 2 lb pkgs 25c.

CRUSHED OYSTER SHELLS

A most important article for the poultry yard through the winter, and should be liberally supplied to the fowls. In summer when left to run at large, they can find their own shell-making material, but in winter they must be helped out if eggs are wanted. Supplied in three grades, fine, medium and coarse. 5 lbs 10c, 20 lbs 25c, 100 lbs 75c.

GRANULATED POULTRY BONE

5 lbs 20c, 10 lbs 30c, 100 lbs \$2.00, 200 lb bags \$3.75.

MICA CRYSTAL GRIT

To aid digestion it is necessary to feed some gritty material. Mica Crystal Grit supplies this want better than any other article ever known. Supplied in three grades, fine, medium and coarse. 5 lbs 10c, 10 lbs 15c, 20 lbs 25c, 100 lbs 75c.

CLOVER MEAL

Far superior to cut clover from the fact that there is no waste and every particle is rendered digestible. 5 lbs 20c, 10 lbs 30c, 25 lbs 60c, 50 lbs \$1.00, 100 lbs \$2.00.

CUT CLOVER HAY

A rich valuable food. 5 lbs 20c, 10 lbs 30c, 25 lbs 60c, 50 lbs \$1.00, 100 lbs \$2.00.

\$1.25 COLLECTION OF POULTRY SUPPLIES FOR \$1.25

TO FILL THE EGG BASKET

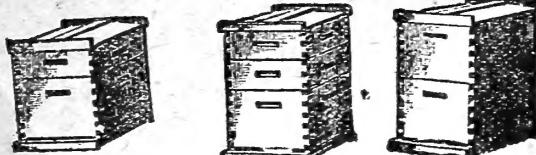
5 lbs Crushed Oyster Shells.....	\$0 10	1 5-oz pkge Lambert's Death to Lice.....	10
5 lbs Mica Crystal Grit.....	10	1 26-oz pkge Dr. Hess' Pan-a-ce-a	35
3 lbs Spratt's Food for Poultry..	25		
3 lbs Granulated Bone.....	15		
3 lbs Clover Meal.....	10		
3 China Nest Eggs.....	10	Total	\$1 25

POULTRY BOOKS

Egg Farm, new, revised and enlarged. H. H. Stoddard.....	\$1 00
Poultry Houses, Low Cost. Darrow.....	0 25
Poultry Keeper, Practical. L. Wright.....	2 00
Pigeon Keeper, Practical. L. Wright.....	1 50
Poultry Craft. J. H. Robinson.....	2 00
Poultry Culture. I. K. Fetch.....	1 50
Poultry Keeper, Profitable. Beal and Wild.....	1 25
Turkeys, How to Grow Them. Herbert Myrick.....	1 0

BEE KEEPER'S SUPPLIES

Have you Beeswax? We buy it. Let us know your price. Cash or Supplies.



DOVETAILED LANGSTROTH HIVES

	No. 1 B	No. 2 B	No. 3 C	
body with 8 self-spacing frame and followers, complete, made up each				
Lots of 5 in flat	\$1.25	5.00	8.50	
" 10 "	5.00			
No. 1 "B"—Hive, same as the above with the addition of one super for comb honey, with section holders and separators made up each	1.75	6.25	11.50	
Lots of 5 in flat	2.00	7.75	14.50	
" 10 "	7.75			
No. 2 "B"—Same as No. 1 "B," with the addition of one extra comb honey super, with section holders and separators, made up each	1.90	7.25	13.50	
Lots of 5 in flat	2.00	7.75	14.50	
" 10 "	7.75			
No. 3 "C"—Hive, same as No. 1, with the addition of one deep super and 8 self-spacing "Huffman" frames for extracted honey and two div. boards or followers, made up each.	1.90	7.25	13.50	
Lots of 5 in flat	2.00	7.75	14.50	
" 10 "	7.75			

HIVE PARTS

Hive Covers, sheet iron with wood rims and lining, made up, 30c; in lots of 5 in the flat \$1.25.

Hive Bottoms, each, made up, 25c; in lots of 5 in the flat, \$1.00.

Comb Honey Supers for dovetail hive, made up complete 50c; in the flat, single, 40c; in the flat in lots of 5, \$1.75.

Section Holders for comb honey supers, \$1.50 per 100.

Wood Separators, 50c per 100.

Self-Spacing Brood Frames, made up \$3.00 per 100; in the flat, in lots of 10 at 30c; in the flat, in lots of 100 at \$2.25.

Extracting Super for dovetail hives with frames and followers, each, made up 75c; in the flat, 70c; in the flat, in lots of 5, \$8.25.

SECTION HONEY BOXES

We handle only first-class, polished on both sides, slotted on top and bottom. One piece or four pieces, state which you desire.

Size 4 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 1 $\frac{1}{2}$, 7 to foot, 1 $\frac{1}{2}$. State size required, otherwise 1 $\frac{1}{2}$ will be sent. 100 500 1,000 3,000 50c \$1.75 \$8.50 \$9.75

Four piece sections 50c per 1,000 extra. One piece split top sections, 10c per 100, or 50c per 1,000 extra.

FEEDERS

The Miller—Designed to place inside of a super or in the upper storey on top of the brood frames. Each 35c, doz \$3.00.

Simplicity Feeder—5c each; 35c per 10.

Bee Veils—30c.

COMB HONEY CRATES

They are glassed on one side only.

4 $\frac{1}{2}$ x 4 $\frac{1}{2}$, in flat..... per 10 25 100
Price, 12 three section fronts \$1.20 \$2.50 \$9.00
" 18 " 1.35 3.00 10.50

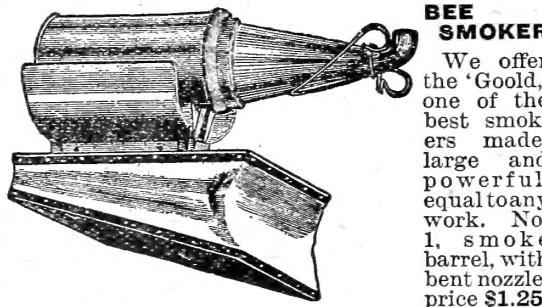
Glass included.

"THE KRETCHINER" SECTION FOLDER

Just the thing to put one piece sections together. Each 50c.

"THE PORTER" BEE ESCAPE

Put in a board, which is placed between the body of hive and super you wish to clear of bees. The bees can pass to the brood chamber but not return. Each 20c; doz \$2.25.



No. 2, without bent nozzle, \$1.00.

BEE SMOKER

We offer the Goold, one of the best smokers made, large and powerful, equal to any work. No. 1, smoke barrel, with bent nozzle, price \$1.25.

BEES

We offer the Goold, Shapely & Muir Co. strain of Italian bees. They are in Langstroth hives. Bees to be delivered in May. Price per colony, \$8.00, including hive, comb, lid and bottom board. The greatest care is taken to insure the safe delivery of all colonies of bees, but customers will please note that after they leave the apiary they are entirely at purchaser's risk. Per colony \$8.00.

QUEENS

Grade and Quantity.	April	May	June	July	Aug.	Sep.
Untested Queens.....	\$1.25	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00
Tested Queens.....	2.25	2.00	1.50	1.25	1.25	1.25
Select Tested Queens.....	3.00	2.50	2.00	2.00	2.00	2.00
Imported Queens.....	7.00	7.00	6.00	5.00	4.00	4.00

COMB FOUNDATION

The wax is tempered as in nature, making it acceptable to bees, and of even thickness. Price, brood foundation, per lb 50c; section foundation, 60c per lb. (Prices liable to change without notice.) If wanted by mail add 16c per lb for postage.

QUEEN AND DRONE TRAPS

The Alley—It is placed over the entrance of the hive, the queen being captured, and thus prevent a swarm from absconding. Each 50c, 10 for \$4.

QUEEN'S CAGES

Queen Cell Protectors, each 5c; 10 for 45c; 50 for \$2.00. Queen's Cages with feeders, each 10c; 10 for 75c.

PERFORATED METAL

This is used between the upper and lower storey to prevent the queen from passing up. Also used for drone guards and queen traps. Per square ft 12c.

EXTRACTORS

Our extractors are made of the very best material, steel frames. Give size of frame in ordering.

No. 1—Two frame machine, \$5.50.

New Goold—Can be made to fit any size frame, sometimes two sizes, but the size must be given when ordering—two frames, \$7.00; four, \$8.00.

Goold Reversible—Two frame Langstroth, \$13.00; four frame, \$15.00.

Other sizes, prices on application.



HONEY KNIVES

Ebony handle and fine mirror finish. Each \$1.00.

RUBBER GLOVES

For handling bees. Ladies' half-long, sizes 6, 7, 8 and 9, per pair \$1.65. Gentlemen's half-long, sizes 10, 11 and 12, per pair, \$1.85. In ordering by number remember that if you wear No. 5 in kid you will need No. 7 in rubber.

BEE BOOKS

Langstroth on the Honey Bee—Price \$1.25.

A. B. C. of Bee Culture—Price \$1.20.

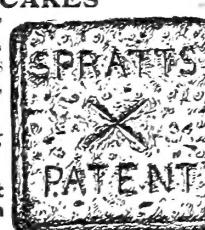
Bee Keeping Explained—Quinby. Price \$1.

Canadian Bee Journal—\$1.00 per annum.

SPRATTS PATENT LIMITED

Carriage paid by Customers except where noted.

SPRATTS DESCRIPTIVE CATALOGUE MAILED FREE ON APPLICATION.



SPRATTS DOG CAKES

Patent Meat "Fibrine" Vegetable Dog Cakes (with Beetroot) — Per 100 lbs \$7.00, 50 lbs \$3.50, 25 lbs \$1.75, 10 lbs 75c, 5 lbs 40c, 3 lbs 25c.

Patent Charcoal Dog Cakes—Per 100 lbs \$7.00.

Patent Greyhound Meat "Fibrine" Dog Cakes (with Beetroot)—Per 25 lbs \$1.90.

Oatmeal Plain Round Dog Cakes—Per 100 lbs \$6.00.

Plain Round Dog Cakes—Per 100 lbs \$5.00.

Puppy Cakes—3 lbs 30c, 5 lbs 50c, 25 lbs \$1.90.

Pet Dog Cakes—3 lbs 35c, 5 lbs 55c, 25 lbs \$2.

Patent Cod Liver Oil Dog Cakes—3 lbs 35c, 5 lbs 55c, 25 lbs \$2.00.

Orphan Puppy Food—Per tin 3 lbs \$1, 1 lb 50c.

Pepsinated Puppy Meal—Sample tin 25c, 2 lbs 50c.

Plain Puppy Meal—5 lb bag 50c.

Puppy Bone Meal—Per tin, 2 lbs 25c.

Granulated Bone—100 lbs \$2.75, 50 lbs \$1.50.

Cardiac—A tonic powder. Sample 10c, per lb 25c, postpaid.

Patent Poultry Meal—Per 100 lbs \$6.00, 50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c.

Patent Game Meal—Per 100 lbs \$6.00, 50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c.

Ground Beef XXX

—Per 100 lbs \$8.50, 50 lbs \$1.60, 25 lbs 85c, 10 lbs 40c.

Granulated Prairie Meat, "Crissel"—Per 100 lbs \$4.50, 25 lbs \$1.25, 10 lbs 60c.

Pigeon Food—50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c.

Fish Meal—Per 100 lbs \$5, 50 lbs \$2.75.

Imported Dog Brushes, Combs and Chains—Price on application.

Dog Soap—Per cake 20c.

SPRATTS DOG MEDICINES

All medicines in bottles. Bottles or tins free by mail.

Alterative Cooling Tablets—Price 50c.

Anti-Rickets Tablets—Price 50c.

Cough Pills—Per box 50c.

Diarrhoea and Dysentery Cure—Price 50c.

Distemper Tablets—Price 75c.

Canker of the Ear Cure—Price 50c.

Eczema and Sarcoptic Mange Cure (Oily)—Per bottle 50c, $\frac{1}{2}$ gallon \$2.00.

Eye Lotion Tablets—Price 50c.

Fit Cure Tablets—For chorea or St. Vitus Dance. Price 50c.

Hair Stimulant and Restorer—Bottle 50c.

Insect Powder—Per tin 25c.

Jaundice Tablets—50c.

Locurium—Price 50.

Mange Cure—Bottle 50c, $\frac{1}{2}$ gallon \$2.00.

Purgative Tablets—Per box 50.

Rheumatism and Sprain Liniment—Per bottle 50c.

Tonic and Condition Tablets

—Price 50c.

Vermifuge Capsules—Price 50c.

Puppy Vermifuge Capsules—Price 50c.

Disinfectant—Crude "Sanitas" Disinfecting Liquid. Per bottle 45c, half gallon \$1.40.

SPRATTS BOOKS

The Common Sense of Poultry Keeping

—By Spratts Patent. 10c.

The Common Sense of Pheasant Rearing—By Spratts Patent. 10c.

The Common Sense of Dog Doctoring—By Spratts Patent. 25c.

Kennel Secrets—By Ashmont. (Illustrated.) \$8.00, postage 30c extra.

Modern Training, Handling and Kennel Management—By B. Waters. (Illustrated.) \$2.00, postage 20c extra.

My Dog and I (written especially for the novice)—By W. H. Huntingdon. \$1, postage 5c extra.

The American Book of the Dog—By G. O. Shields (Coquina). \$8.50, postage 40c extra.

The Book of the Dog (with portraits)—By Vero Shaw. \$8.00.

"Diomed"—By John S. Wise. (Illustrated.) \$2.

Pocket Kennel Records—50c each.

Pedigree Blanks—3 for 10c, doz 20c.

Vogel Fische und Haustiere—von Edw. S. Schmid. Washington, D.C. Price 25c.

The Cat—By R. S. Huidekoper. A guide to classification and a short treatise on their care, etc.

Cloth, \$1.00.

Rackham's Poultry Directory—Price \$1.00 postpaid.

Fertilizers

Feed Your Soil and it will Feed You!

by Joseph Harris, M.S.,
formation on Manures,
ility, effectiveness, etc.
postpaid.

dition—Where to get
how to apply. By J.
ice 40c, postpaid.

Potato Manure

Ammonia 3 to 4%.
Phosphoric acid 8 to 10%.
Potash 5 to 7%.

May be used in the hills
or rows, mixing and
covering with earth,
provided it is scattered
well. Use three sacks
and upwards per acre
on ordinary land. Price,
per lb 10c, 10 lbs 50c,
100 lbs \$2.25, 200 lbs
\$4.00, per ton \$34.50.

Sure Growth

For Grain, Grass,
Grapes, Vegetables,
etc.

Ammonia 3½ to 5%.
Phosphoric Acid 8 to 10%.
Potash 3 to 4%.



It is adapted to all soils, and not only yields immediate results, but is also lasting in its effects. It gives the growing crop a vigorous start, and will greatly increase the yield. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lb sack \$4.00, per ton \$32.50.

Bone and Potash

Ammonia, 2 to 3%; phosphoric acid, 9 to 10%;
Potash, 6 to 8%.

Those who think they had rather have bone ought also to have it combined with potash, since potash is fully as essential as bone. Price per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lbs \$4.00, per ton \$34.50.

Pure Bone Meal

Ammonia, 3 to 5%; Phosphoric acid, 23 to 25%.

We guarantee our ground bone to be a strictly genuine article. It is made from clean, dry bones. We recommend it chiefly for grass and land feeding purposes. Per lb 10c, 5 lbs 30c, 10 lbs 50c, 25 lbs 75c, 100 lbs \$2.00, 200 lbs \$3.75, per ton \$32.50.

Bone Flour

Per lb 10c, 10 lbs 50c, 50 lbs \$2.00, 100 lbs \$3.50.

Potash Fertilizers

Excellent for FRUIT TREES, GRAPE VINES, ETC.

Beaver Brand—10 to 14% of Potash and Phos. Acid, and from 30 to 40% of Bone Phosphate and Wood Lime. In barrels of 250 lbs, \$5.00, per ton \$30.00.

Star Brand—16 to 20% of Potash and Phos. Acid, and from 25 to 35% of Bone Phosphate, and the same of Wood Lime. In barrels of 200 lbs, \$5.00, per ton \$40.00.

DAIRY SUPPLIES

The Little Detective—Will show in less than 2 minutes whether or not water has been added to pure milk. Sent to any address, postpaid, \$1.00.

Parchment Paper—For packing and preserving Butter—1 lb Butter, size 8x11, \$1.35 per 1,000 sheets, 100 sheets 15c, postpaid. 2 lb Butter, size 12x18, \$2.75 per 1,000 sheets, 100 sheets 30c, postpaid. Tub size, 12x36, 75c per 100 sheets. Full sized sheets, 24x36, \$1.25 per 1,000 sheets.

Imitation Parchment—8x11, \$1.00 per 100 sheets.

Printing—\$1.00 per 1,000 sheets extra.



Price,
50c.

Thermometers—New Float—Will stand upright. The scale stands up out of the milk so that it can be easily read. Each 50c.

Ordinary Float—Price.....each 40c

MILKING TUBES—For Sore and Obstructed Teats and Hard Milking Cows—Coin Silver—Prices—Set of four tubes, 1½ inch, \$2.00, each 50c; special lengths, 2½ inches, each 65c; 2¾ inches, each 80c; 3½ inches, each 95c; 3¾ inches, each \$1.10; 4½ inches, each \$1.25. Larger tubes in proportion.

Plated Silver—From 2 to 3½ inches in length—25c each, postpaid.

Butter Ladies—Factory size, each 50c; Dairy size.....each 25c.

Butter Mould and Printer—Has all the advantage of the higher priced moulds, and does the work equally as well. 1 lb size, pair 75c.

Improved Daisy Barrel Churn—It is made of the very best quality of white oak; has no iron to come in contact with the cream; has no dashes or breaks inside, and is the easiest churn to clean ever made. The inside is perfectly smooth.

WITH STEEL FRAMES AND LEVERS

Seven Gallon Churn, for one cow.....\$4.00

Nine Gallon Churn, churns from 1 to 4 gallons.....4.25

Fifteen Gallon Churn, churns from 1 to 7 gallons.....4.50

Twenty Gallon Churn, churns from 1 to 9 gallons.....5.00

less for wood frames with levers.

without levers.

Harris' "Animal Manure" (H)

100 lbs \$1.50, ton \$25.00.

Harris' "Pure Bone Meal"

100 lbs \$1.50, ton \$25.00.

Celery and Early Vegetable Manure

Ammonia, 6 to 8%; Phosphoric Acid, 9 to 10%;
Potash, 6 to 8%.

It has been used on celery planted on very poor ground, producing remarkable results, by dissolving a teaspoonful to a gallon of water, applying it twice a week (keep well stirred while applying). It can also be used on Celery by mixing ½ to ½ Gypsum. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.75, 200 lbs \$5.00, per ton \$40.50.

Farmers' Grass and Grain Manure

Ammonia, 2 to 3%; Phosphoric Acid, 9 to 11%;
Potash, 1 to 2%.

This brand will be found to be an excellent fertilizer for pasture lands and top dressing, also for young orchards, small fruit and a general crop-raiser. Price, per lb 10c, 10 lbs 50c, 100 lbs \$1.50, 200 lb sack \$2.75, per ton \$25.00.

Alberts' Concentrated Horticultural Manure

Is soluble in water, and contains the correct proportions necessary to produce the very best results in growing flowers. Price, per lb 15c, 10 lbs \$1.25, 100 lbs \$9.00.

Write for descriptive pamphlet, which gives full particulars regarding Alberts' Manures.

Nitrate of Soda

This is valuable solely for the nitrogen it contains, equal to 20 per cent. of Ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two weeks, and besides renders the mineral plant food of the soil more assimilable. It is the best of all substitutes for stable manures. 100 to 150 lbs per acre, mixed with wood ashes or land plaster for convenience in applying, are generally used. Price, per lb 10c, 5 lbs 30c, 10 lbs 50c, 25 lbs \$1.00, 50 lbs \$1.65, 100 lbs \$3.00.

Alberts' Thomas Phosphate Powder

The most profitable of all artificial manures for green crops, grain or grass. Most valuable for orchards. Price per 100 lbs \$1.50, per ton \$25.00.

GUANO, Standardized

A standard fertilizer throughout the entire country, and in almost universal use. A weak solution, applied once or twice a week, is very beneficial for house plants. Price, 1 lb 10c, by mail, postpaid, 15c, 100 lbs \$4.50.

LAND PLASTER OR GYPSUM

—Per sack (200 lbs) \$1.00.

HORN SHAVINGS

—Per 100 lbs \$2.00.

LAND SALT

—Per sack (200 lbs) \$1.00.

Tobacco Manure

Lb 10c, 10 lbs 50c, 50 lbs \$1.50, 100 lbs \$2.50, 200 lbs \$4.50, ton \$41.00.

Clay's Fertilizers

This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 25 lbs \$2.50, 50 lbs \$4.75, 100 lbs \$9.00.

SIMMERS' LAWN ENRICHER, for Lawns and Flower Beds

—It is manufactured to meet the demand for a lawn dressing, all prepared, ready for immediate use, requiring no further mixing. It is in no sense a stimulant, but a complete manure, containing all the plant food required to make grass grow, and in a form quickly and easily taken up. It may be applied at any time during the spring, summer or autumn, or as often as the grass seems to need nourishment.

Price of 5 lb pkg, sufficient for 75 square yds, 50
" 10 " " 120 " 75
" 25 " " 400 " \$1.50

Prepared Potting Soil

Finding that many of our customers in cities were unable to secure suitable soil for their garden and pot plants, we have prepared a judicious preparation of well enriched soil in proper proportion of fertilizer for potting plants. We can highly recommend our Prepared Leaf Mould, and are confident you will be pleased with the results. It is put up in 100 and 200 lb sacks, and can be supplied at all seasons of the year. Per 25 lbs 35c, 50 lbs, 55c, 100 lbs \$1.00.

ROCK SALT—Per 100 lbs 75c.

BOWKER'S Food for Flowers



Soluble in Water. Free from Odor and Clean to Handle.

A fertilizer made expressly for plants grown in the house, garden or conservatory; clean, free from offensive odor, soluble in water, and producing healthy plants, free from vermin, with early and abundant blossoms, to which it imparts luxuriant growth and rich brilliant flowers.

Price. No. 1 Regular Sized Package, sufficient for 20 plants for one year, 35 cents. **No. 2 Package**, sufficient for 20 plants for three months, 25 cents.

Postage paid on receipt of price. Price in bulk, 4 lbs 60c; by mail (postpaid) 80c; 5 lbs 75c; by mail (postpaid) 95c; 10 lbs \$1.25, per express.

Bibby's Cream Equivalent for Calves

The above food has been before the British public for a good many years, and has met with unqualified approval on every hand. We think the time is opportune for the introduction of it into Canada.

This meal will rear calves very successfully at a small cost, and by its use we believe better and more economical results in rearing are obtainable than by any other method; we make these statements with confidence and we claim that at a very small outlay they may be obtained.

Price. per 100 lbs.....	.....	.....	\$8.50
" 10 "	.....	.....	50
" 5 "	trial package, postpaid	.....	50

SHEPPARD'S

ACME GALL CURE

With this Ointment the afflicted part can be healed without the loss of a single day's time.

3 oz box 25c, postpaid;
8 oz box 50c, postpaid.



J.A. SIMMERS

SEED MERCHANTS

& GROWERS

147, 149 & 151 KING ST. E.

TORONTO
ONT.



Our People's 18 Full Size Packets for 50c.
POST PAID. REGULAR PRICE 95c. Collection Free

CELERY Simmers' Giant Pascal, 5cts. pkt.

CORN Simmers' Evergreen, 5cts. pkt.

CABBAGE Simmers' Early German Brunswick, 5cts. pkt.

CARROT Simmers' Scarlet Chantenay, 5cts. pkt.

MELON Simmers' Dominion Musk, 10cts. pkt.

TOMATO Simmers' Selected Stone, 5cts. pkt.

ONION Simmers' Large Yellow Globe Danvers, 5cts. pkt.

ONION Simmers' Early White Queen, 5c. per pkt.

CUCUMBER Simmers' Improved Long Green, 5cts. pkt.

BEET Simmers' Dark Red Flat Egyptian, 5cts. pkt.

RADISH Scarlet Olive Shaped, 5cts. pkt.

PARSNIP Simmers' Holland Crammed, 5cts. pkt.

SQUASH Simmers' Crookneck, 5cts. pkt.

PEAS Simmers' Heron's Bill, 5cts. pkt.

BEAN

BEAN

LETTUCE

TURNIP

J.A. SIMMERS
SEEDS
TORONTO